

ABSTRACT REASONING TEST 1

Instructions

This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

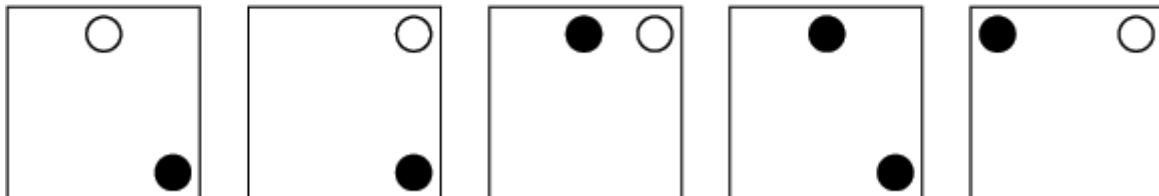
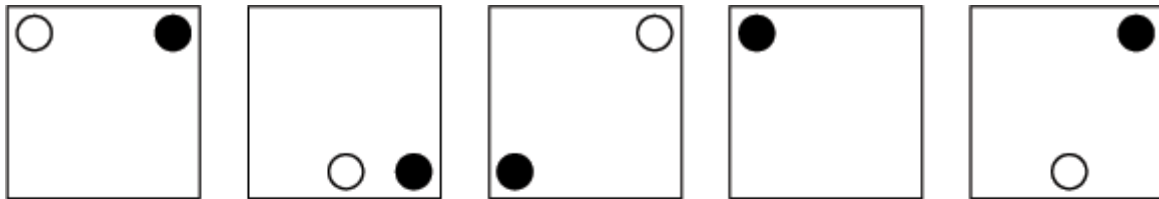
E

Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The direction of the lines alternates between NW-SE and NE-SW.

Rule 2: The short column moves one place to the right each time.



A

B

C

D

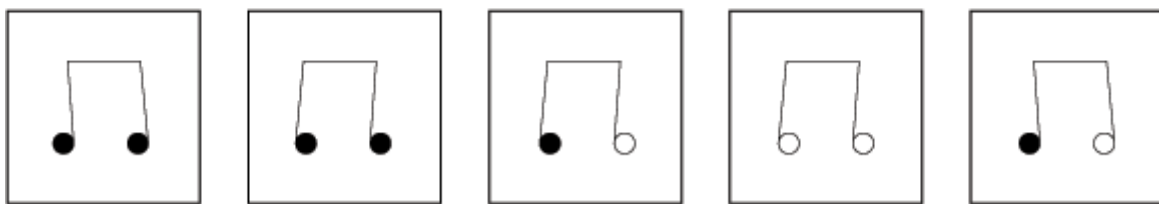
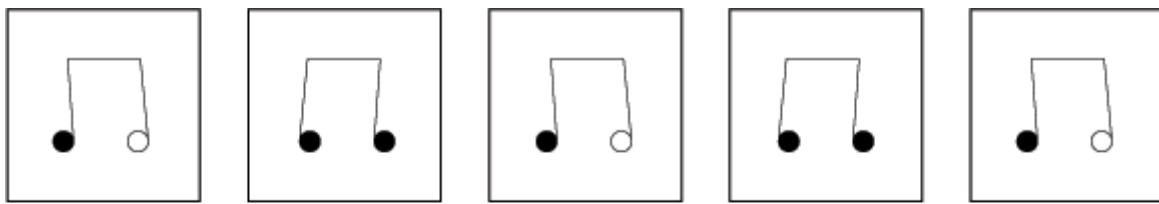
E

Q2 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The unshaded circle moves from top left, to bottom middle, to top right, and then the pattern repeats.

Rule 2: The shaded circle moves one place clockwise each time.



A

B

C

D

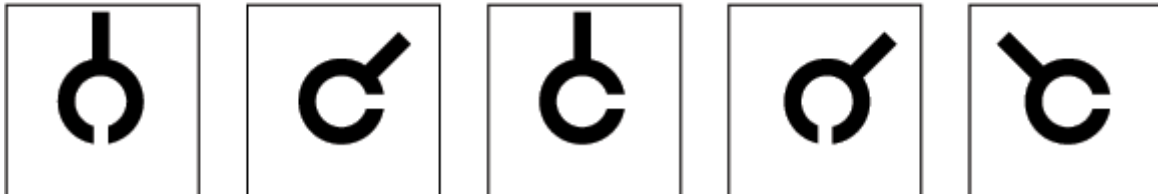
E

Q3 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The symbol alternates between facing right and left.

Rule 2: The right sided circle alternates between shaded and unshaded.



A

B

C

D

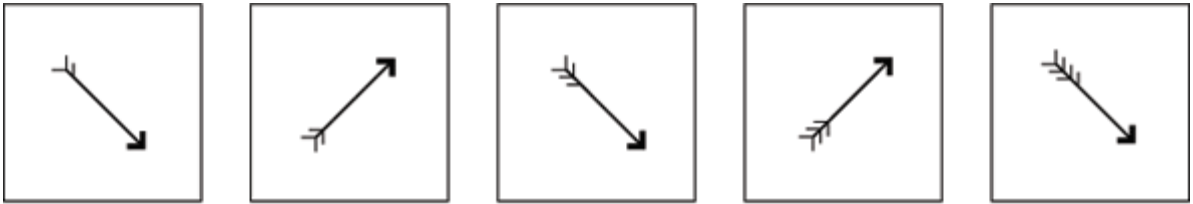
E

Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The black line rotates 135° clockwise around the circle.

Rule 2: The missing segment moves one place counterclockwise around the circle each time.



A

B

C

D

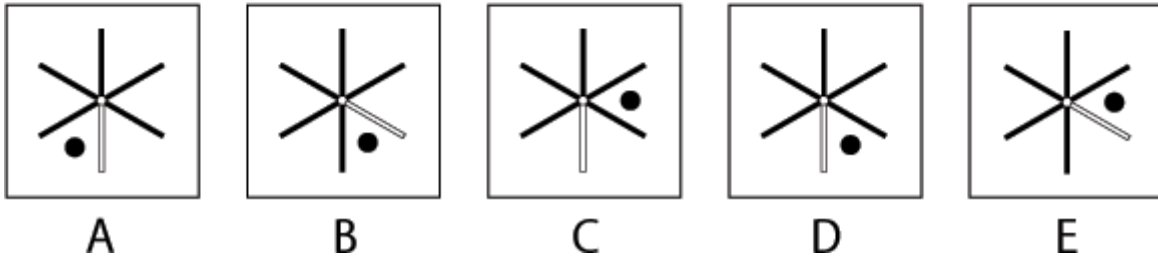
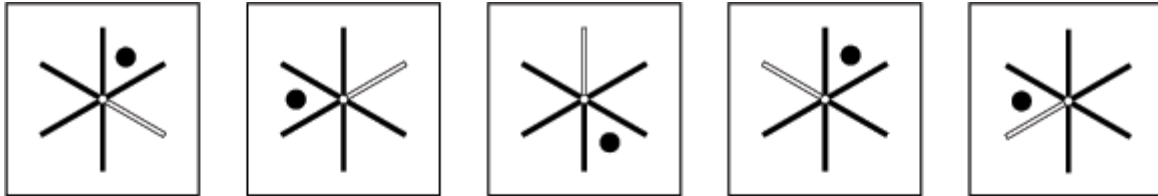
E

Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The arrow alternates between pointing North-East and South-East.

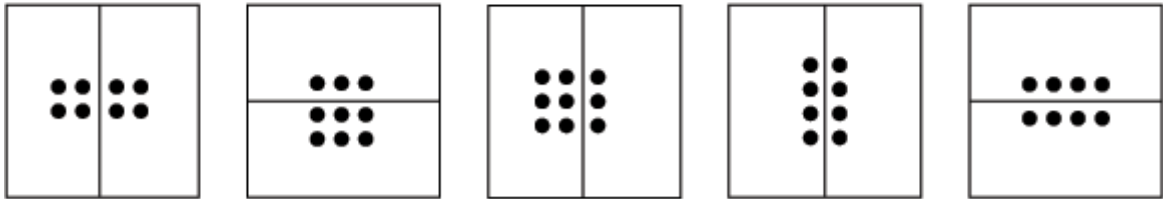
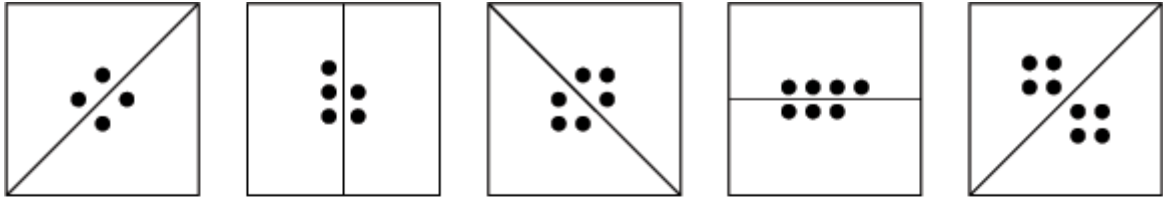
Rule 2: The number of notches on the arrow increases by one each time.



Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The unshaded bar moves one places counterclockwise each time.
 Rule 2: The circle moves two places counterclockwise each time.



A

B

C

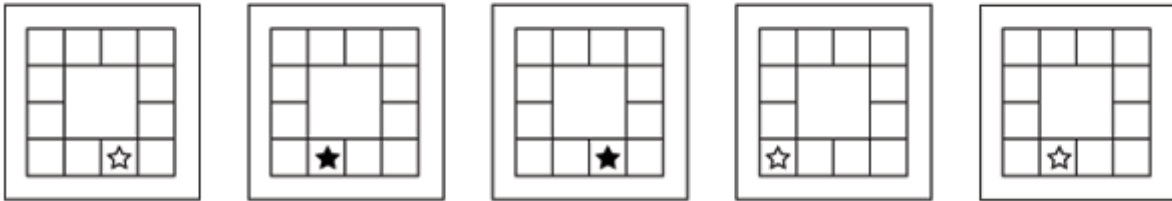
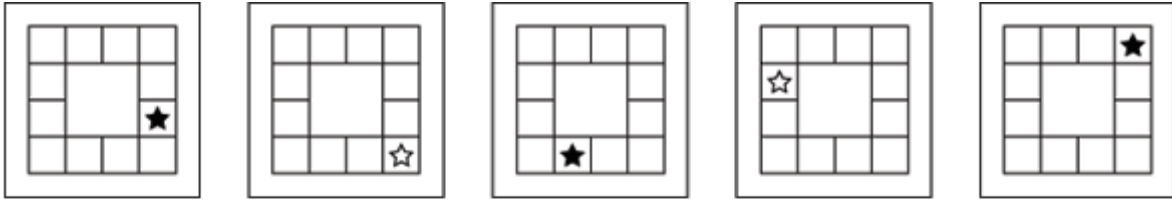
D

E

Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The dividing line in the box rotates 45° counterclockwise each time.
 Rule 2: The total number of shaded circles increases by one each time.



A

B

C

D

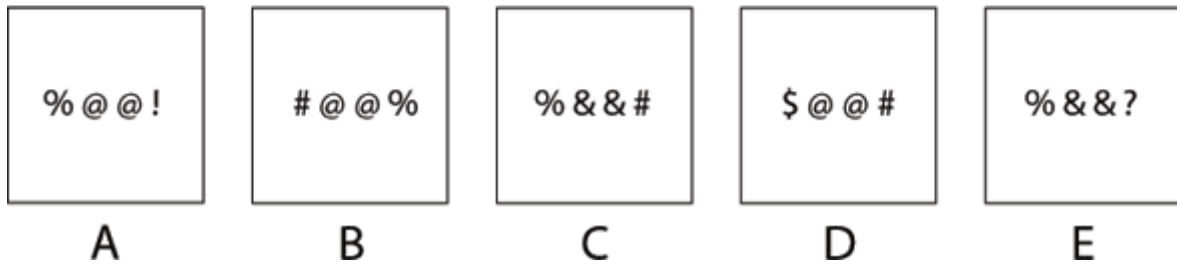
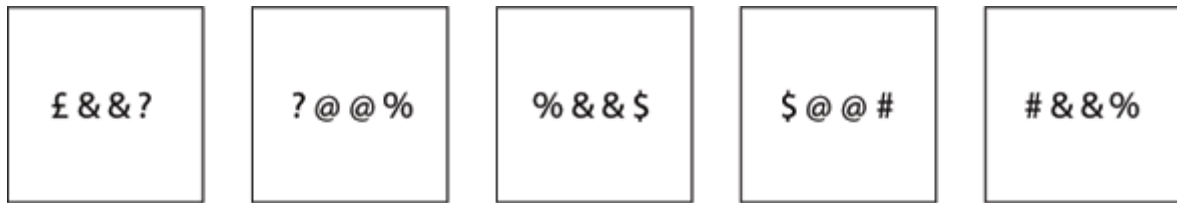
E

Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The star alternates between shaded and unshaded.

Rule 2: The star moves clockwise 1 place, then 2 places, then 3 places and so on.



Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The middle two symbols alternate between “@ @” and “& &”.

Rule 2: The final symbol in the sequence is the first symbol of the next sequence.



A

B

C

D

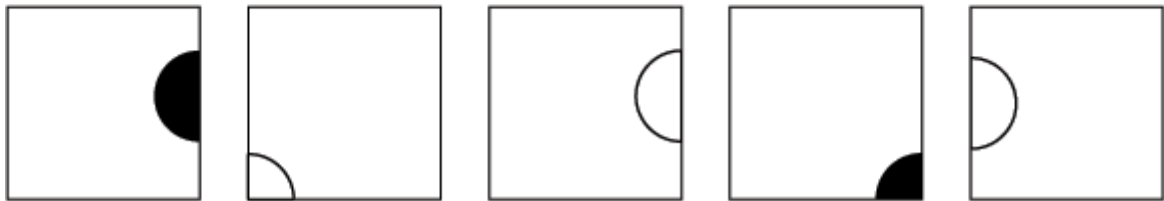
E

Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The star symbol moves from top left, to bottom centre, to top right, and then the pattern repeats.

Rule 2: The shaded segment of the star moves two places counterclockwise each time.



A

B

C

D

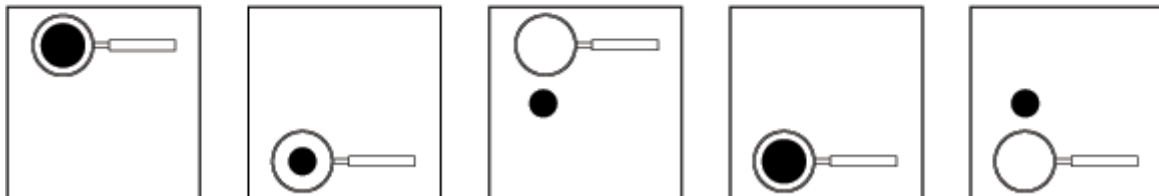
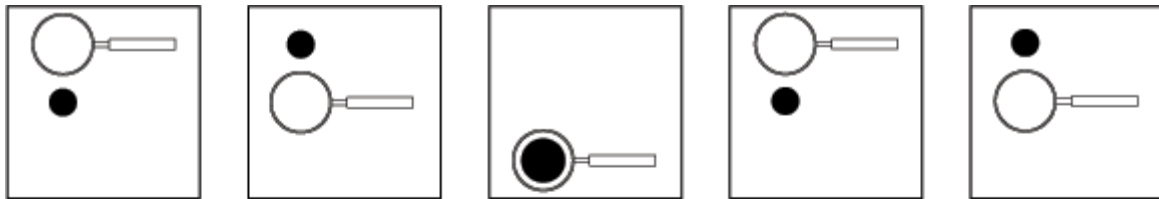
E

Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The circle moves one place to the right each time, and then begins again on the next row.

Rule 2: The circle alternates between shaded and unshaded.



A

B

C

D

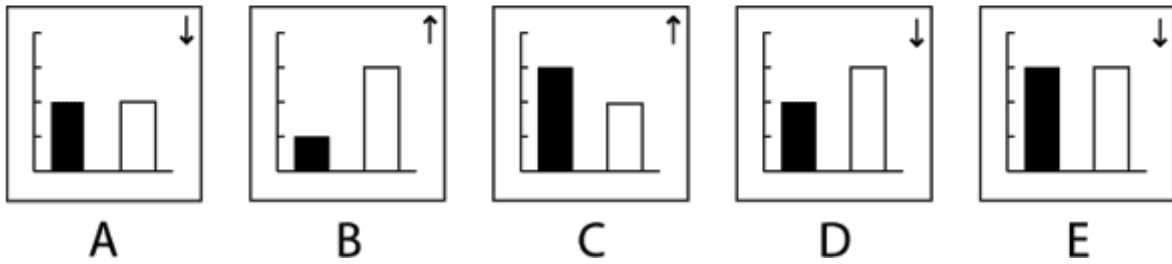
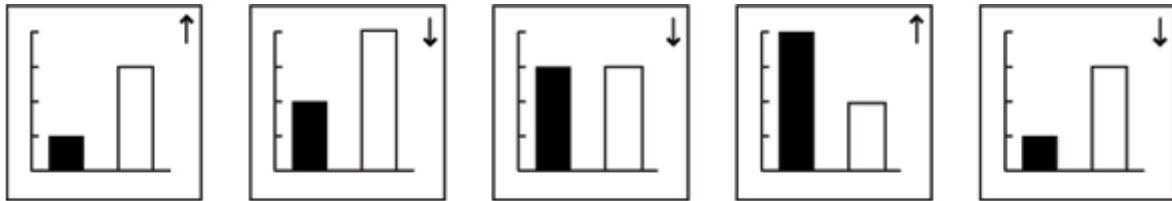
E

Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The black circle moves up one place each time. When it reaches the top of the box, it begins again from the bottom.

Rule 2: The magnifying glass moves down one place each time, beginning again from the top. Additionally, when the magnifying glass is placed above the circle, the circle is magnified.

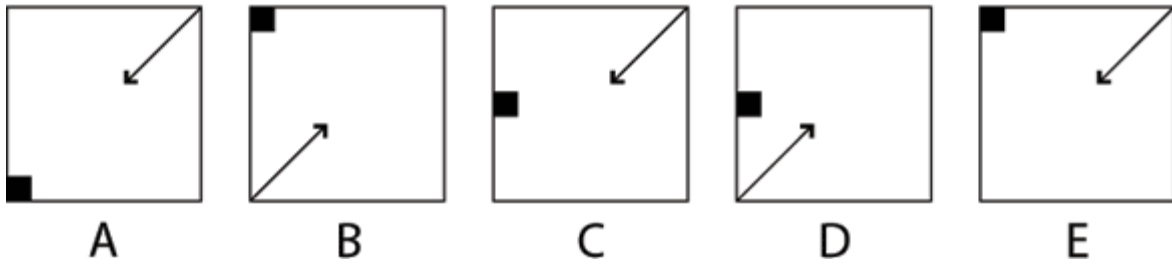
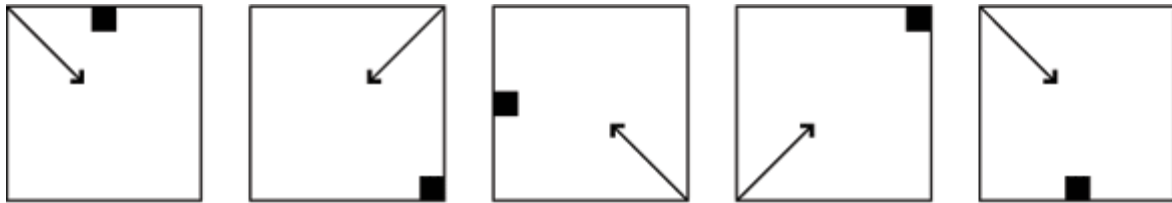


Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The shaded block increases one place each time. When it reaches the top of the graph the pattern repeats.

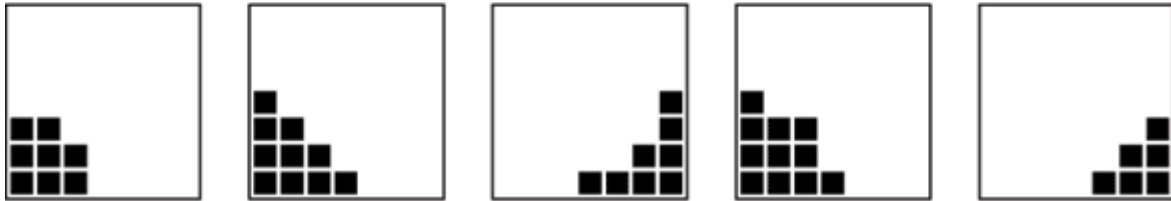
Rule 2: The arrow in the top right corner determines whether the next unshaded block will move up or down one place.



Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The black square moves three places clockwise around the box each time (including corners and middle).
 Rule 2: The arrow moves clockwise to the next corner each time.



A

B

C

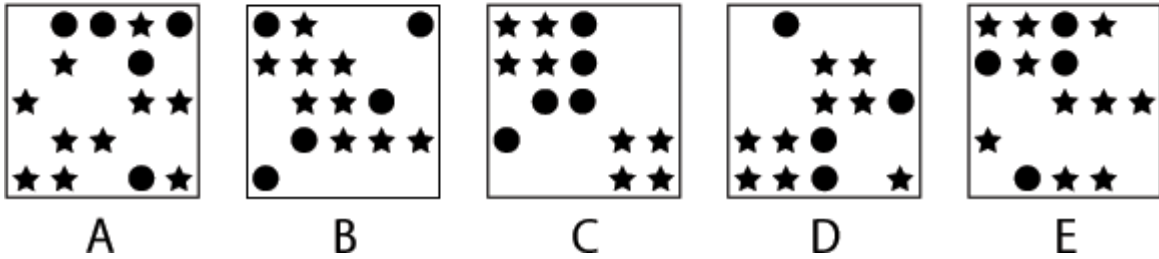
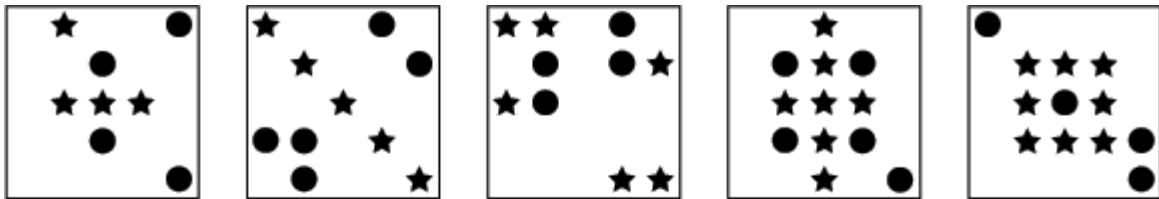
D

E

Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

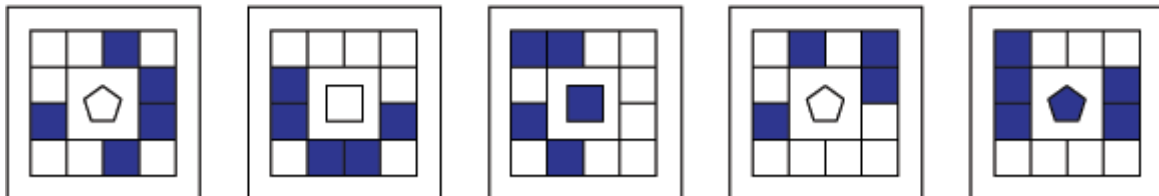
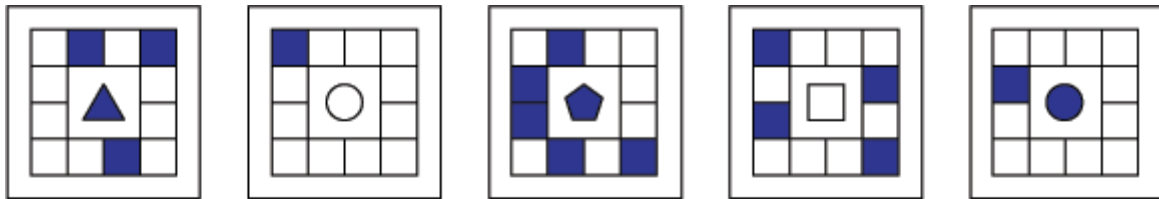
Rule 1: The shaded squares move counterclockwise to the next corner each time.
 Rule 2: The total number of shaded squares increases by two each time.



Q16 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The total number of stars in each box increases by one each time.
 Rule 2: The total number of circles alternates between 4 and 5.



A

B

C

D

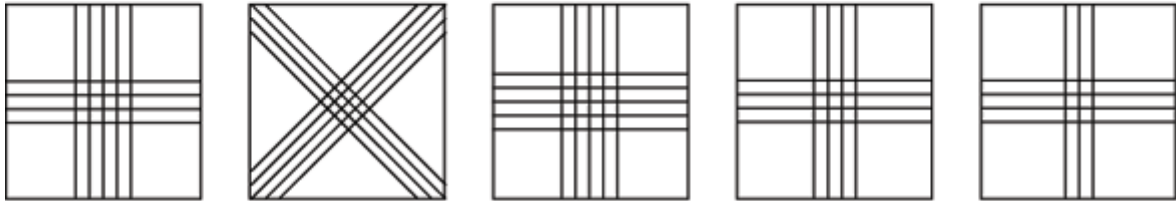
E

Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of edges of the centre shape is equal to the number of shaded squares in each box.

Rule 2: The centre shape alternates between shaded and unshaded.



A

B

C

D

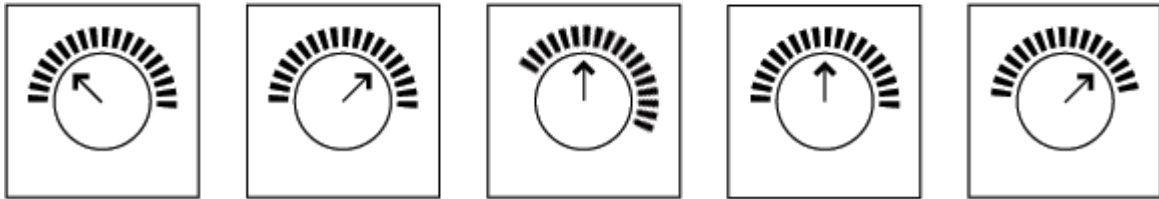
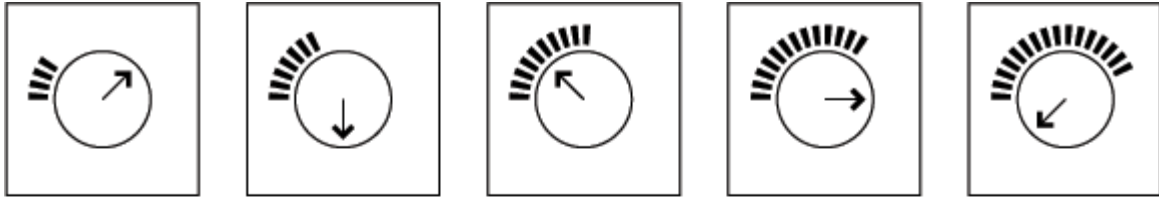
E

Q18 What comes next in the sequence?

- (A) A**
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The lines rotate 45° each time.

Rule 2: The total number of lines increases by one each time.



A

B

C

D

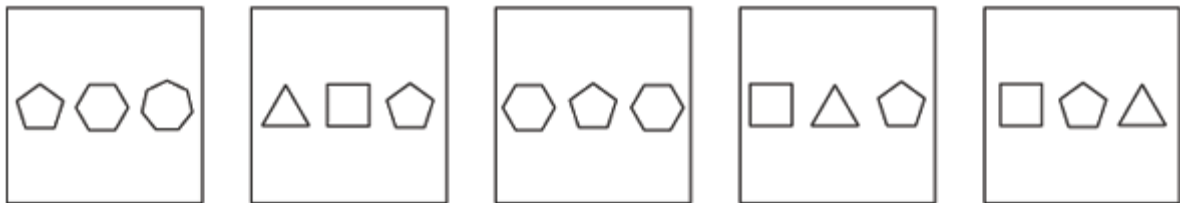
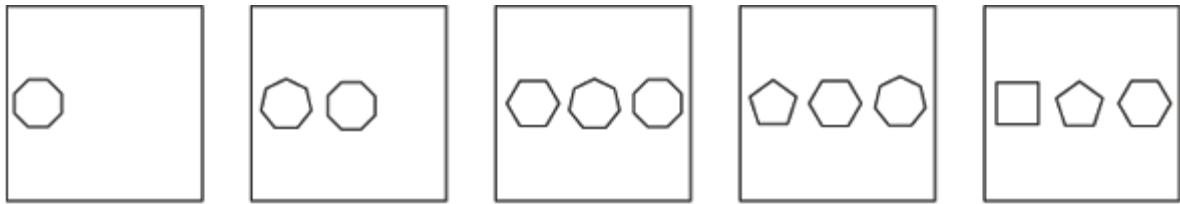
E

Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The arrow rotates 3 places (135°) clockwise each time.

Rule 2: The total number of notches around the circle increases by 3 each time, with the start point at the 9 o'clock position.



A

B

C

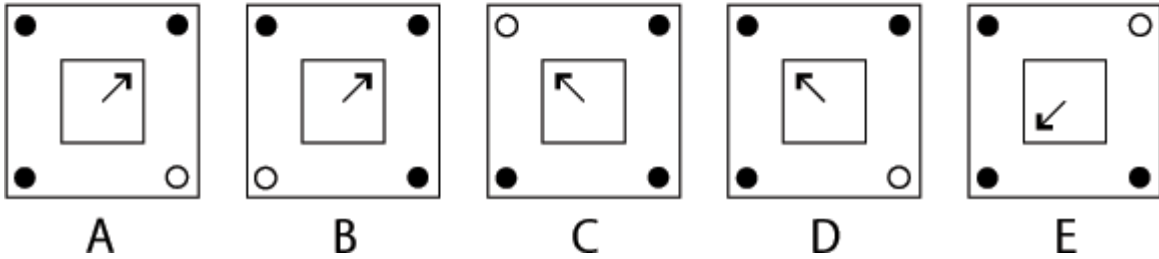
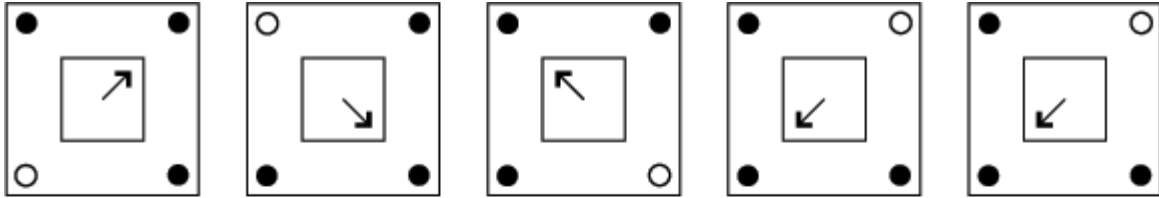
D

E

Q20 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shapes move one place to the right each time.
 Rule 2: Each shape is followed by a shape with one less edge.

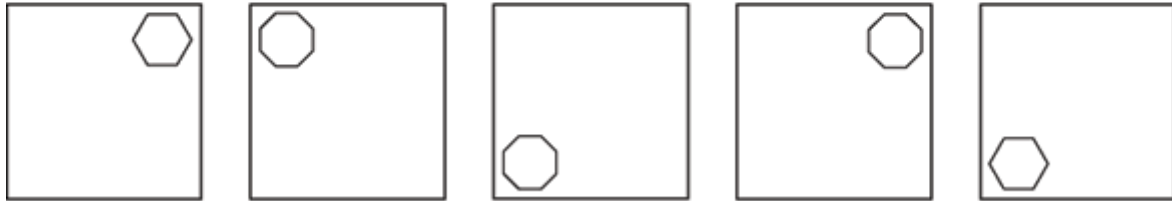
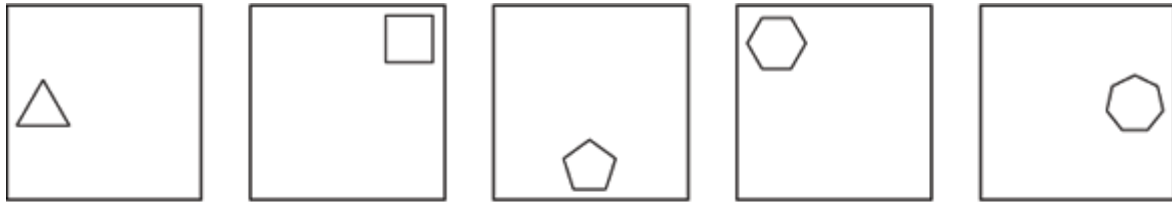


Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The arrow rotates clockwise one place, then two places, then three places and so on, each time.

Rule 2: The circle which is in the opposite corner from where the arrow is pointing is unshaded.



A

B

C

D

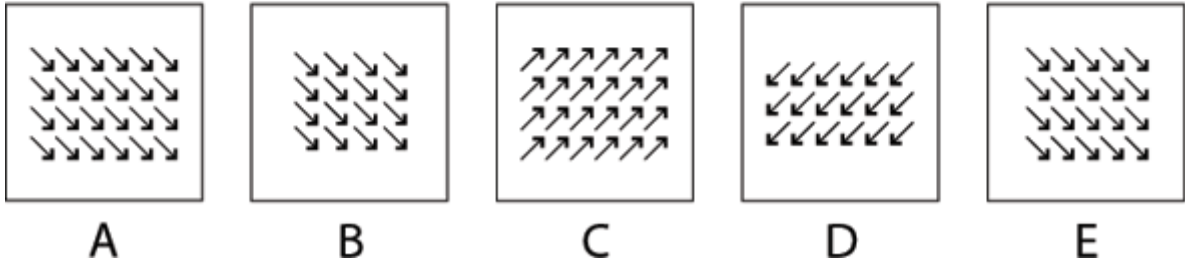
E

Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The shape moves three places clockwise each time.

Rule 2: The total number of sides on the shape increases by one each time.

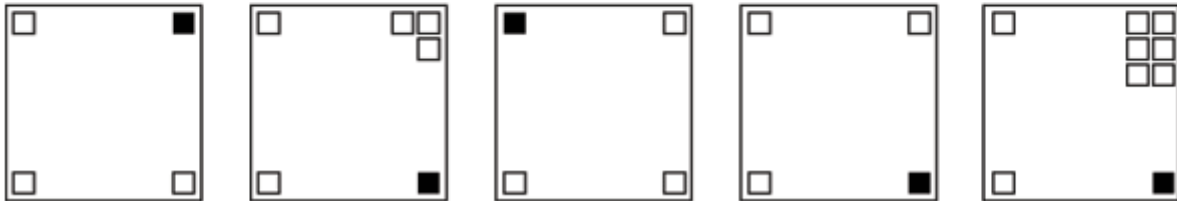
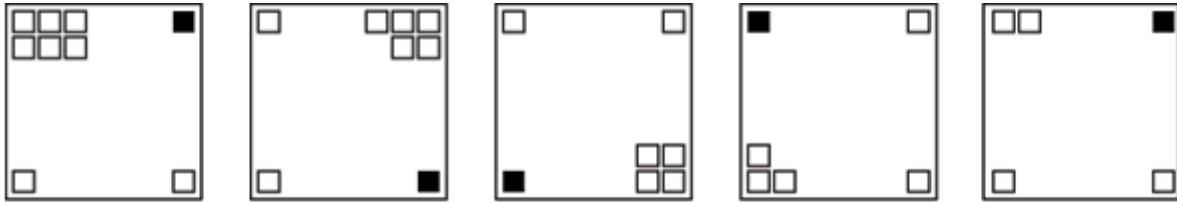


Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The arrows rotate 90° counterclockwise each time.

Rule 2: The number of arrows in each box is equal to the total number of arrows in the previous two boxes.



A

B

C

D

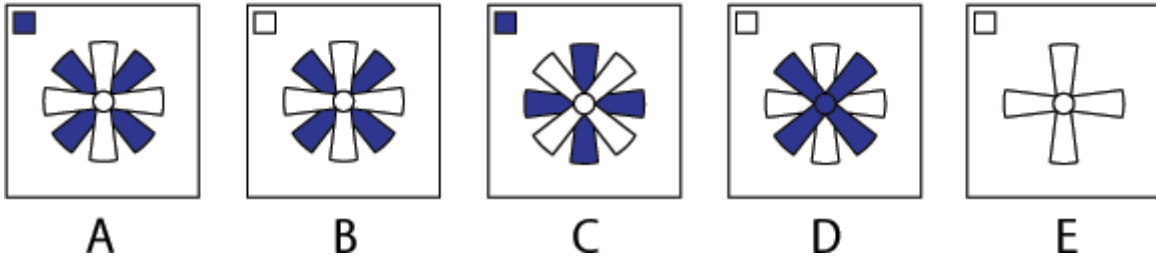
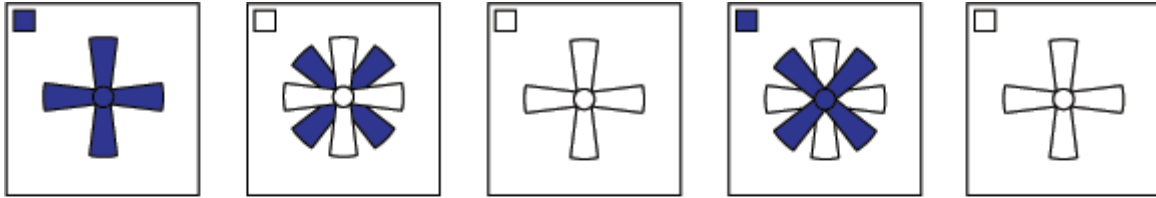
E

Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The block of 6 squares moves clockwise to the next corner each time, decreasing by one square each time.

Rule 2: The shaded square moves one place clockwise each time.

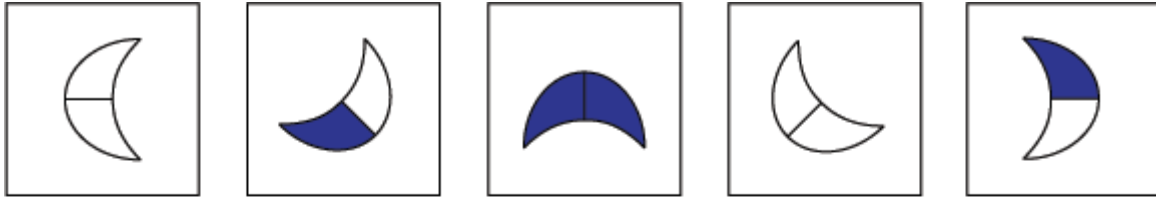


Q25 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The blue fan rotates 45° each time.

Rule 2: The colour of the square at the top left corner indicates which fan is in the foreground.



A

B

C

D

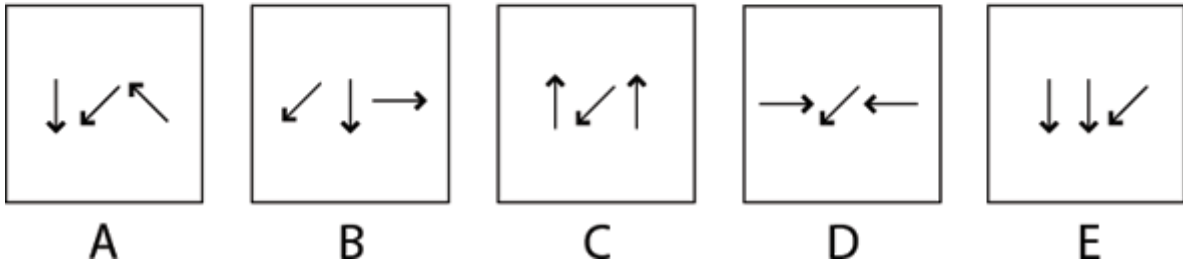
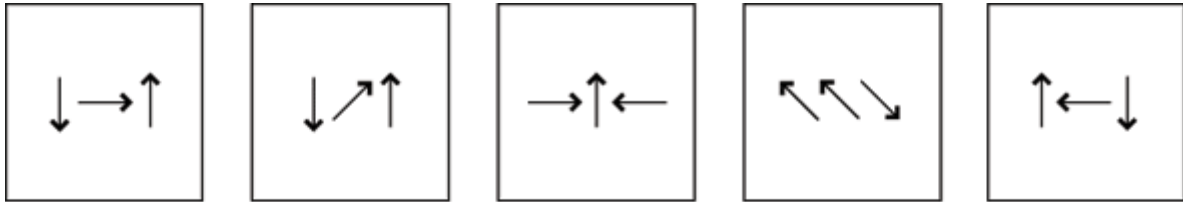
E

Q26 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The symbol rotates 135° counterclockwise each time.

Rule 2: The total number of shaded halves increases by one each time. After both halves are shaded, the the pattern repeats.

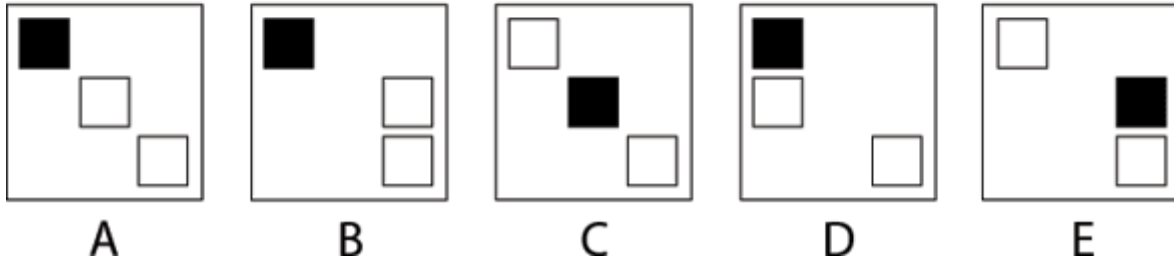
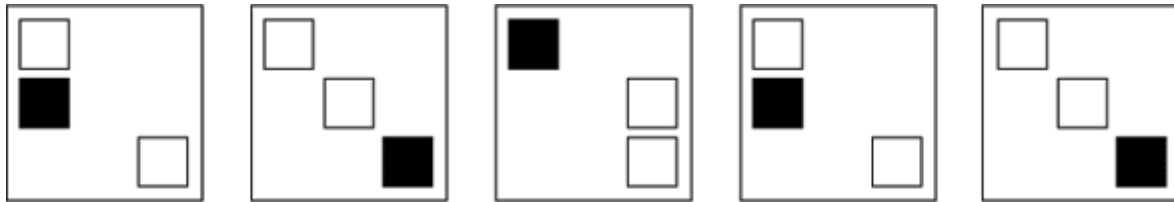


Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The centre arrow rotates 45° counterclockwise each time.

Rule 2: The left and right side arrows always point in opposite directions.

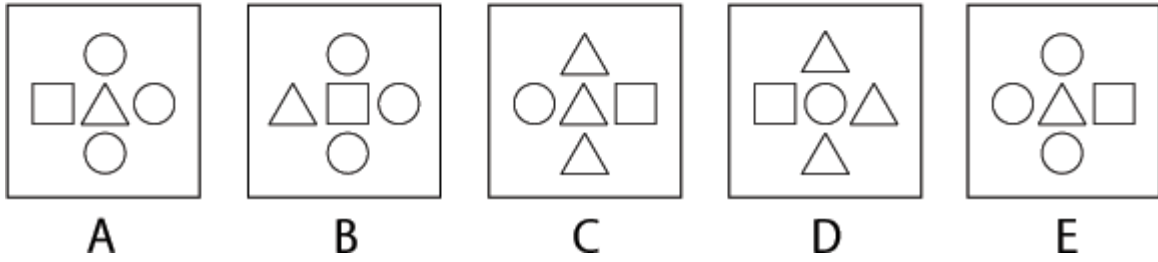
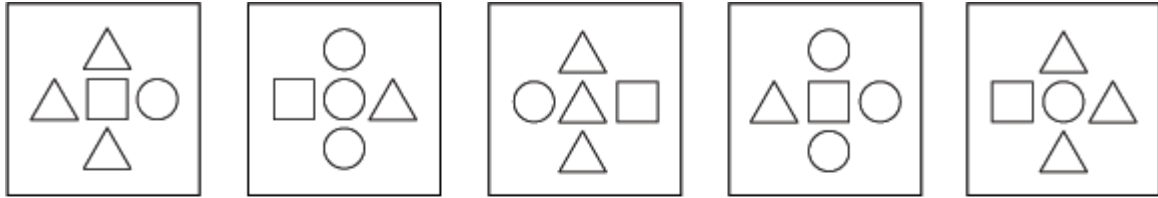


Q28 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shaded square moves down one place each time. When it reaches the bottom, it begins again from the top.

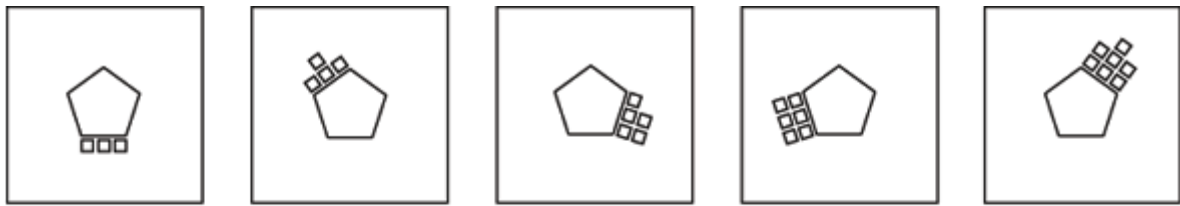
Rule 2: The centre square moves one place to the right each time, then the pattern repeats.



Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The top and bottom shapes alternate between triangle and circle.
 Rule 2: Each of middle row of shapes moves one place to the left each time.



A

B

C

D

E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The squares moves two places clockwise each time.
 Rule 2: The total number of squares increases by one each time.

-- End of Test --

ABSTRACT REASONING TEST 2

Instructions

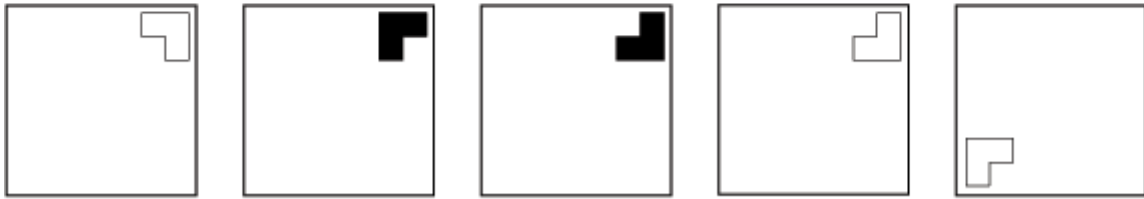
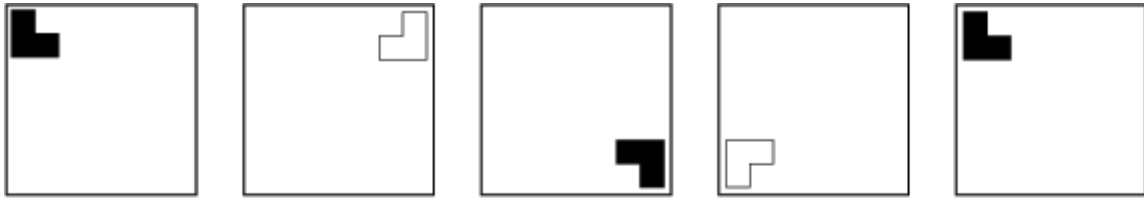
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Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

E

Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shape rotates 90° counterclockwise each time.
 Rule 2: The shape moves clockwise to the next corner.
 Rule 3: The shape alternates between shaded and unshaded.



A

B

C

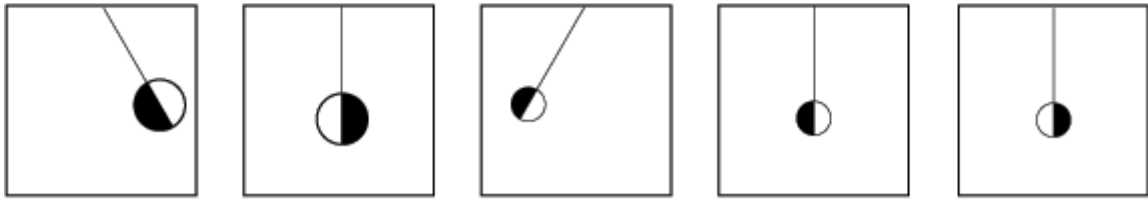
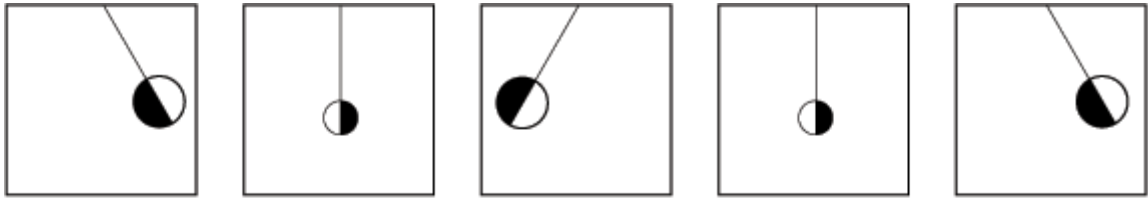
D

E

Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The segments of the symbol alternate between black and white.
 Rule 2: The small circle moves clockwise 4 segments each time (60°).
 Rule 3: The small circle alternates between shaded and unshaded.



A

B

C

D

E

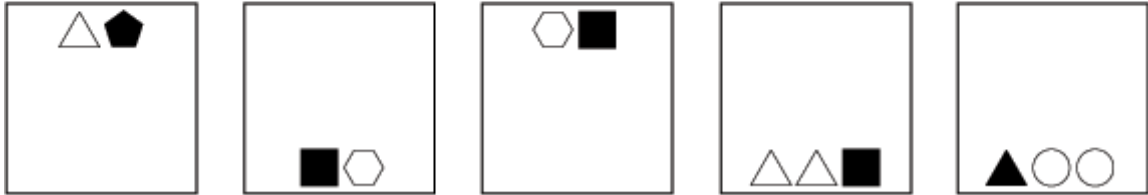
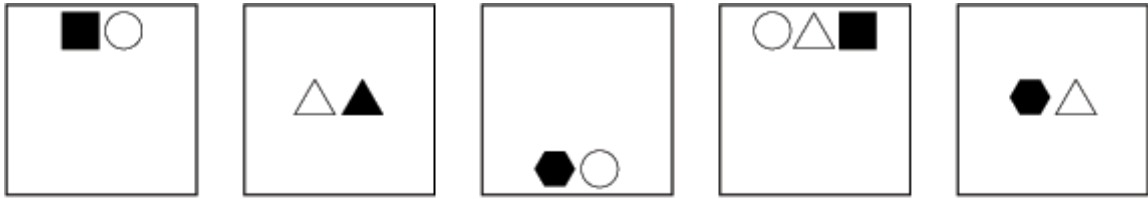
Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The pendulum swings from right to middle to left and back again.

Rule 2: The halves of the circle alternate between black and white.

Rule 3: The pendulum alternates between large and small.



A

B

C

D

E

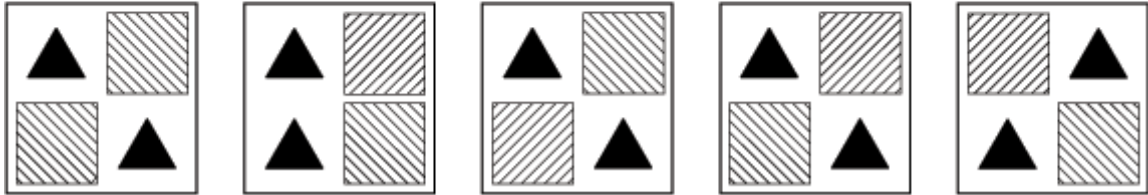
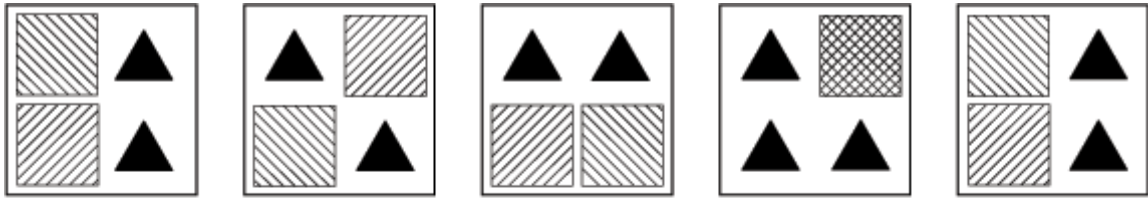
Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: In each box, the shapes' total number of edges increases by one.

Rule 2: The shapes move from top to middle to bottom and then start again from the top.

Rule 3: The shading alternates between the first and last shape of each box.



A

B

C

D

E

Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The NW-SE lined box moves counterclockwise to the next corner.

Rule 2: The NE-SW lined box alternates between bottom left corner and top right corner.

Rule 3: The empty quarters of every box are filled with a black triangle.



A

B

C

D

E

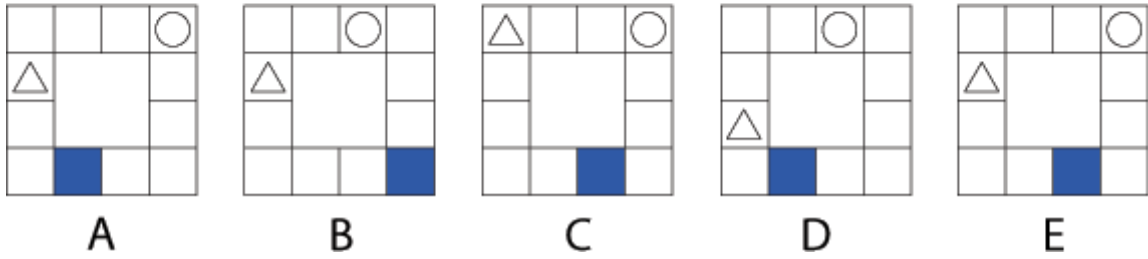
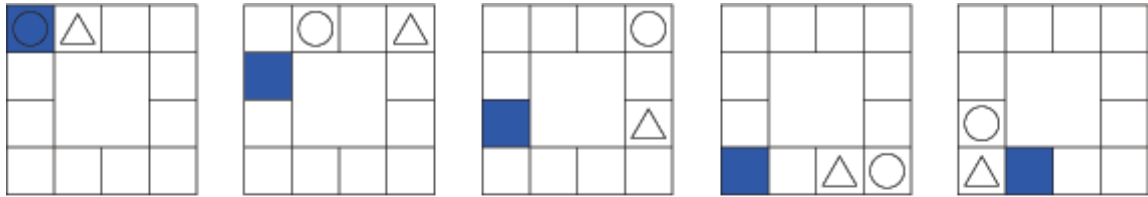
Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The middle line indicates where the next triangle will be; the triangle is mirrored in the axis of the line.

Rule 2: When the middle line is solid, the next triangle is shaded.

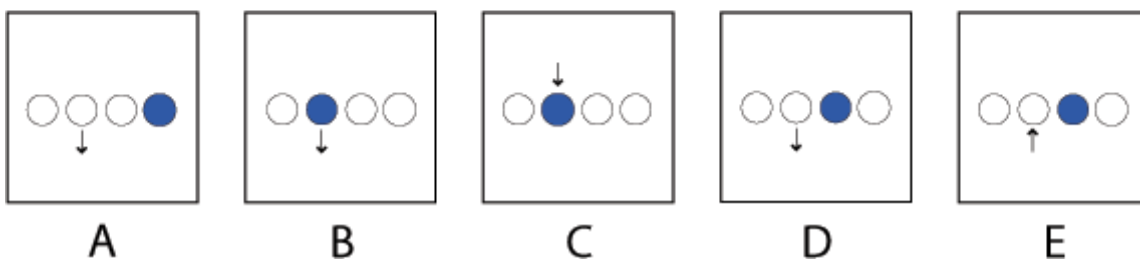
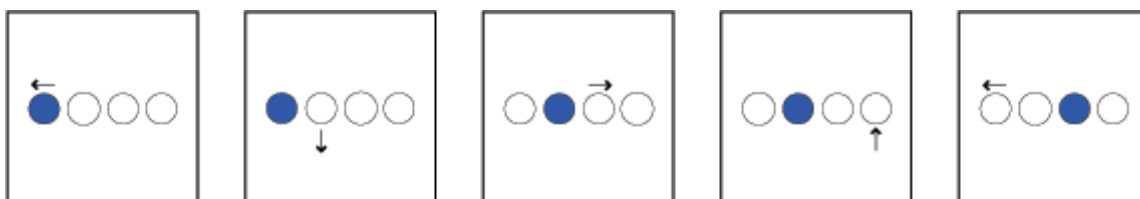
Rule 3: When the middle line is dotted, the next triangle is not shaded.



Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

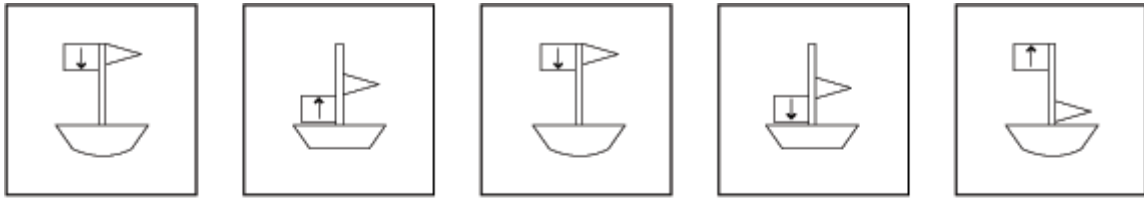
Rule 1: The circle moves 1, then 2, then 3, and so on, places clockwise.
 Rule 2: The triangle moves clockwise two places.
 Rule 3: The shaded box moves counterclockwise one place.



Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shaded circle moves one place to the right every two boxes.
 Rule 2: The arrow rotates 90° counterclockwise.
 Rule 3: The arrow alternates between being above and below the circles.



A

B

C

D

E

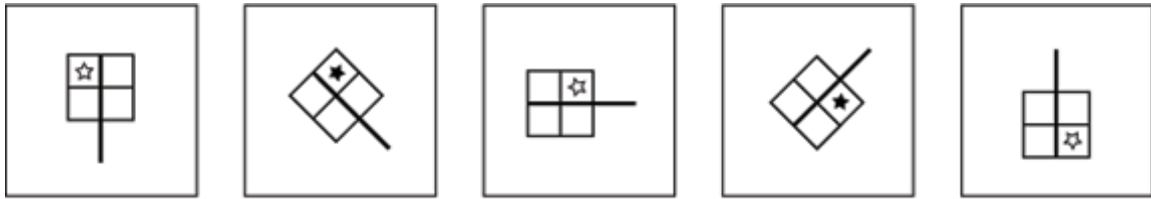
Q9 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The bottom of the boat alternates between flat and rounded.

Rule 2: The square flag alternates between being raised to the top and raised to the bottom.

Rule 3: The arrow in the square flag indicates where the next triangular flag should be moved to.



A

B

C

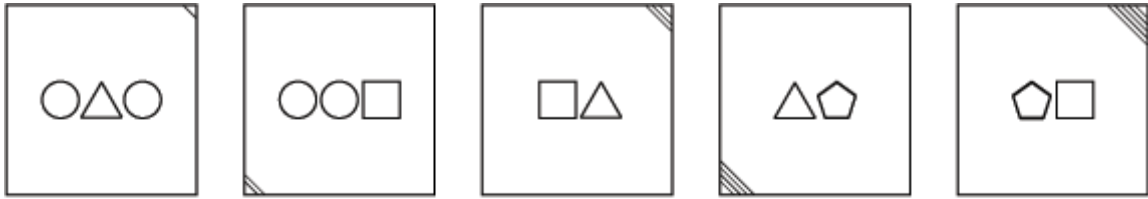
D

E

Q10 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The symbol rotates 45° counterclockwise each time.
 Rule 2: The star moves one box clockwise each time.
 Rule 3: The star alternates between shaded and unshaded.



A

B

C

D

E

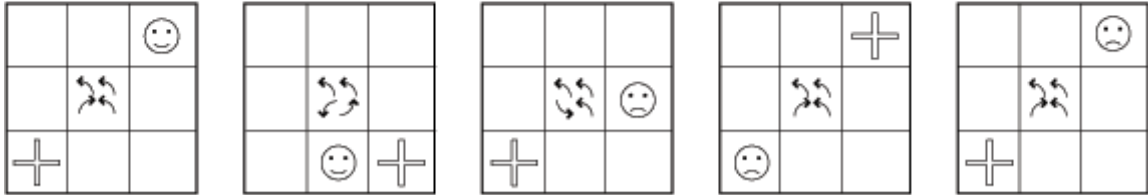
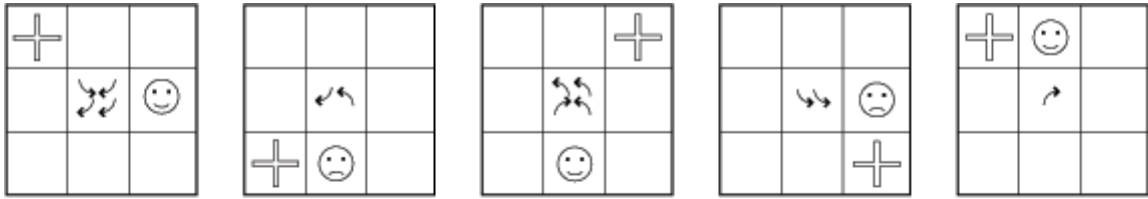
Q11 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The number of notches in the corner increases by one each time, and the location alternates between top right and bottom left.

Rule 2: The total number of shape edges increases by one each time.

Rule 3: The final shape is the first shape of the next box.



A

B

C

D

E

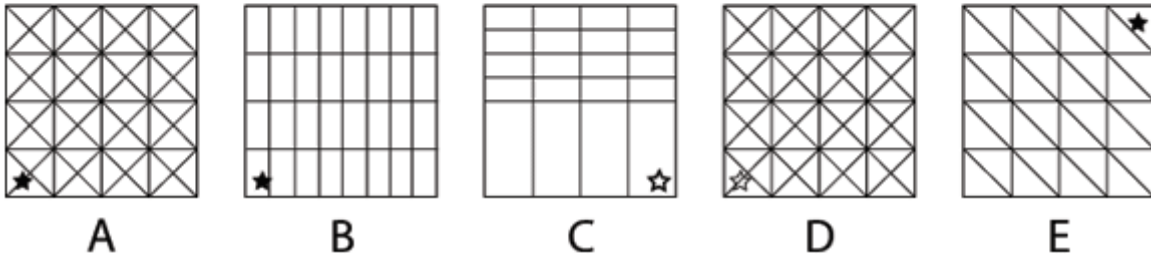
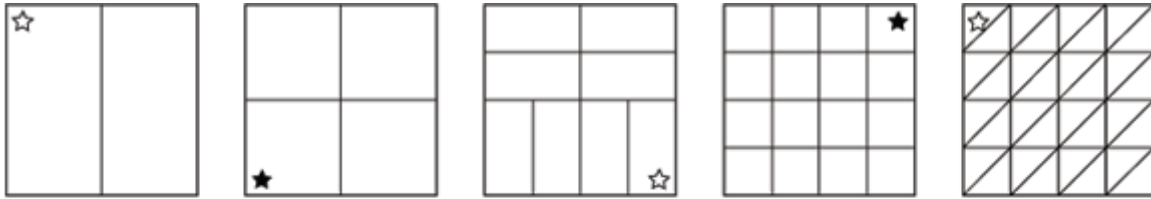
Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The Cross moves from top left, to bottom left, to top right, to bottom right, then begins again

Rule 2: The face alternates between happy and sad.

Rule 3: The arrows in the centre dictate the movement of the face in the next box (i.e. 3 places clockwise, 1 place counterclockwise and so on).



Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of segments is halved each time.
 Rule 2: The star moves counterclockwise to the next corner.
 Rule 3: The star alternates between black and white.



A

B

C

D

E

Q14 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The number of lines emanating from the bulb increases by one each time.
 Rule 2: The rings at the base of the bulb alternate between black and white.
 Rule 3: The circle in the bulb appears every two boxes.



A

B

C

D

E

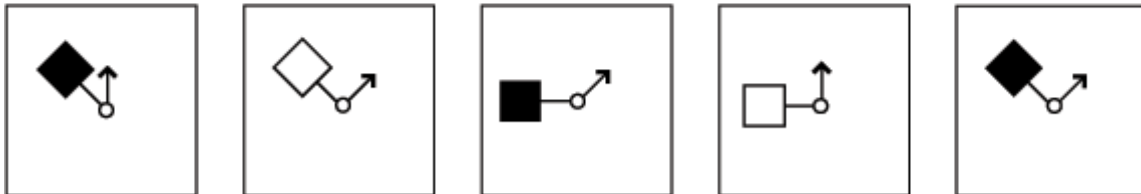
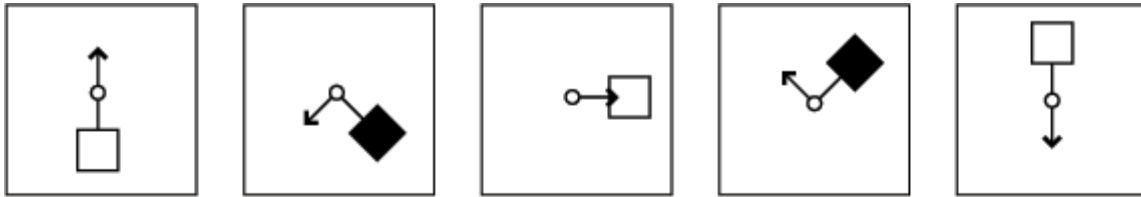
Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The outer ring rotates 90° clockwise each time.

Rule 2: The inner arrow rotates 90° counterclockwise in a circle each time, filling in the circle.
When the inner circle is complete, the pattern begins again.

Rule 3: The number shaded quarters in the centre circle decreases by one each time. When the number of shaded quarters is equal to zero, this pattern repeats.



A

B

C

D

E

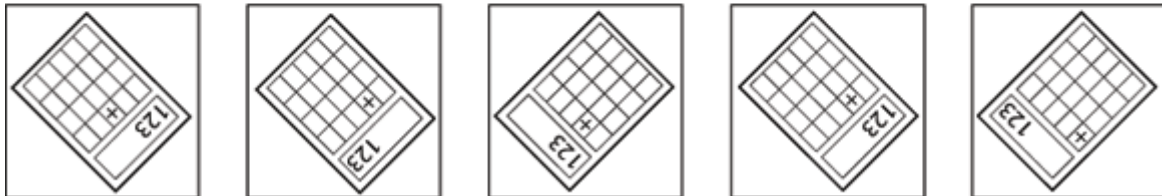
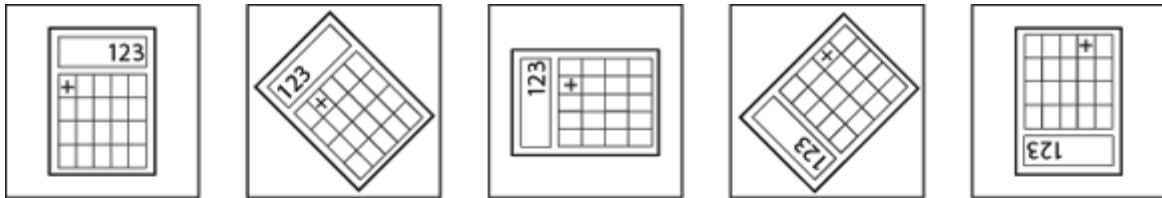
Q16 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The box rotates 45° counterclockwise around the centre circle.

Rule 2: The box alternates between black and white.

Rule 3: The arrow rotates 135° counterclockwise around the centre circle.



A

B

C

D

E

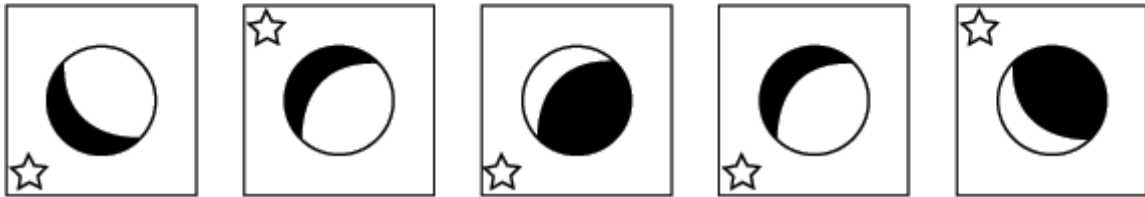
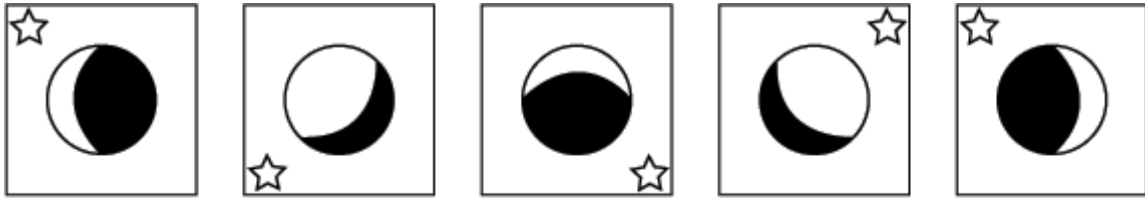
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The calculator rotates 45° counterclockwise each time.

Rule 2: The numbers alternate between the left and right hand sides of the screen.

Rule 3: The "+" symbol moves clockwise 1 place, then 2 places, then 3 places and so on.



A

B

C

D

E

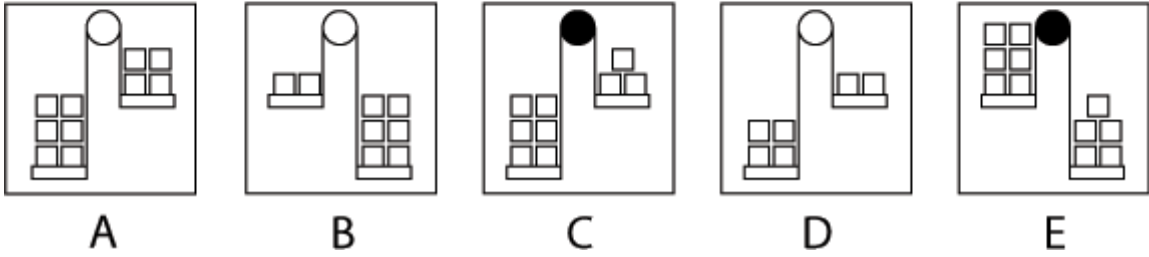
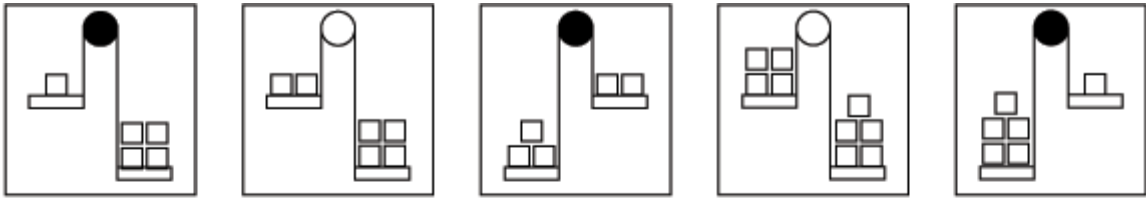
Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The star moves counterclockwise to the next corner each time.

Rule 2: The symbol in the centre rotates 135° counterclockwise each time.

Rule 3: The shading on the symbol alternates.



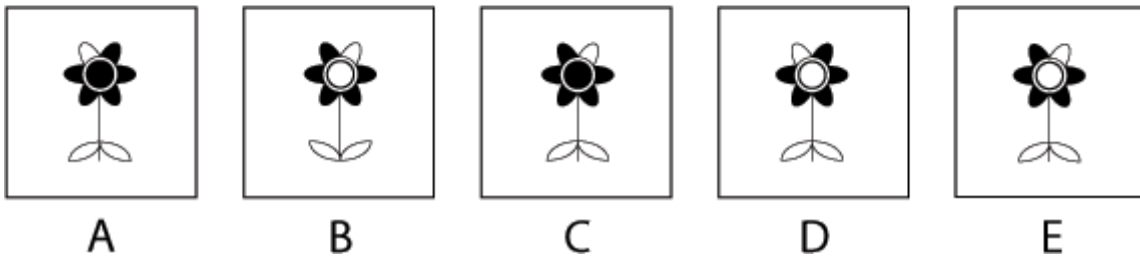
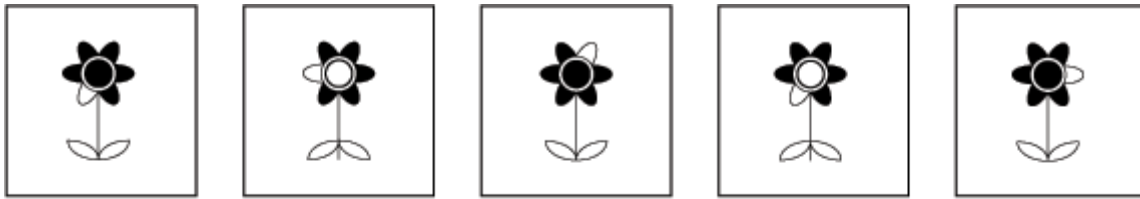
Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The circle alternates between shaded and unshaded.

Rule 2: The number of squares on the left hand scale increases by one each time.

Rule 3: The scale with the most boxes is always weighed down.



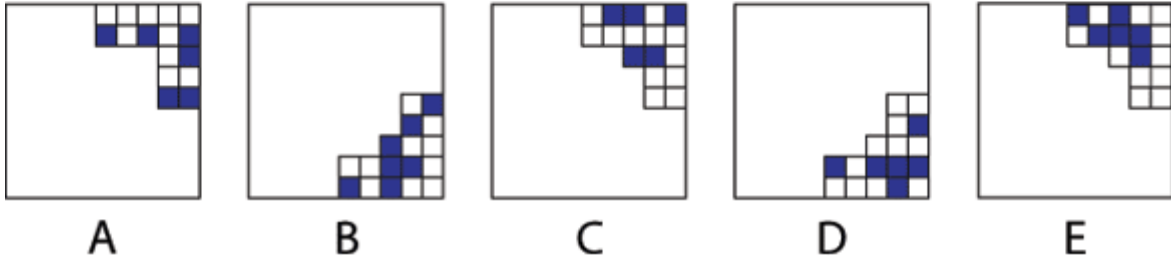
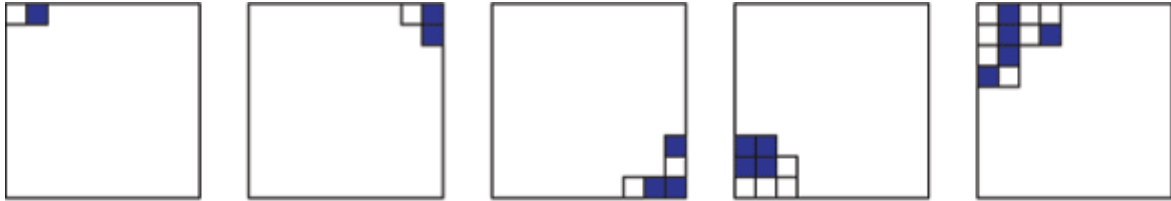
Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The unshaded petal moves clockwise 1 place, then 2 places, then 3 places and so on.

Rule 2: The leaves at the bottom of the flower alternate between pointing up and down.

Rule 3: The centre of the flower alternates between shaded and unshaded.



Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: Each time, 1 square is added, then 2 squares, then 3 squares and so on.
 Rule 2: The squares moves clockwise to the next corner each time.
 Rule 3: Each time 1 square is shaded, then 2 squares, then 3 squares and so on.



A

B

C

D

E

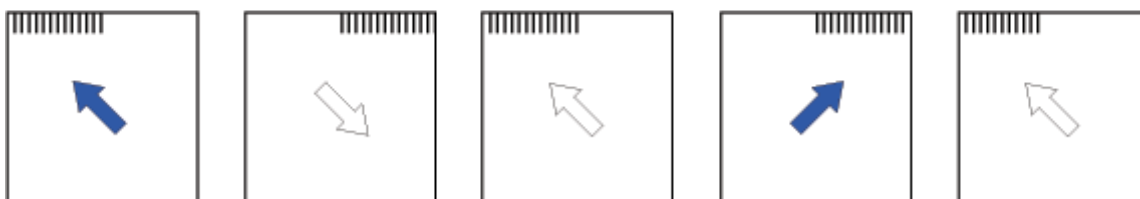
Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shapes moves one place to the left each time.

Rule 2: The shapes alternate between moving from background to foreground, and then vice versa.

Rule 3: The shaded shape moves one place to the right each time.



A

B

C

D

E

Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The arrow always points to the notches.

Rule 2: The arrow alternates between shaded and unshaded.

Rule 3: The number of notches increases by 2 each time.



A

B

C

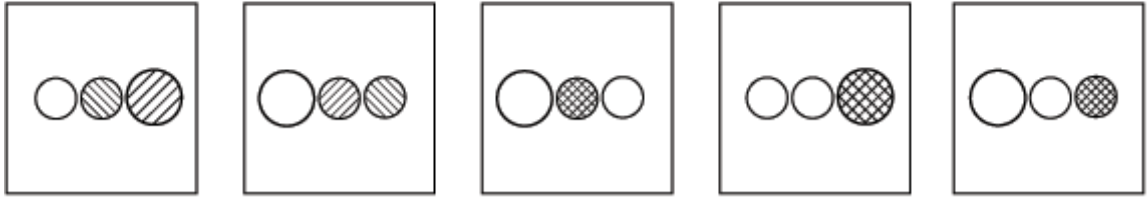
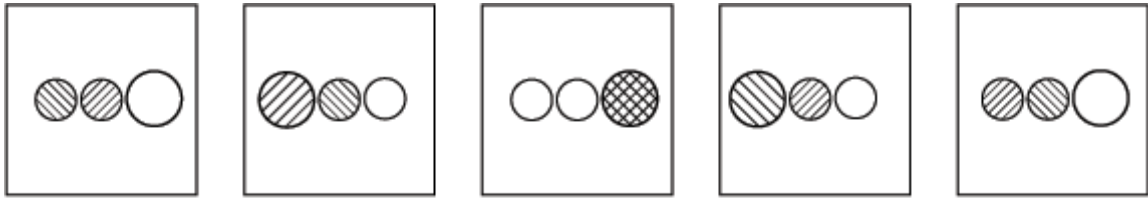
D

E

Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The sun moves from left to right, and then begins again from the left.
 Rule 2: The cloud is mirrored in the vertical axis each time.
 Rule 3: The number of raindrops alternates between 5 and 6.



A

B

C

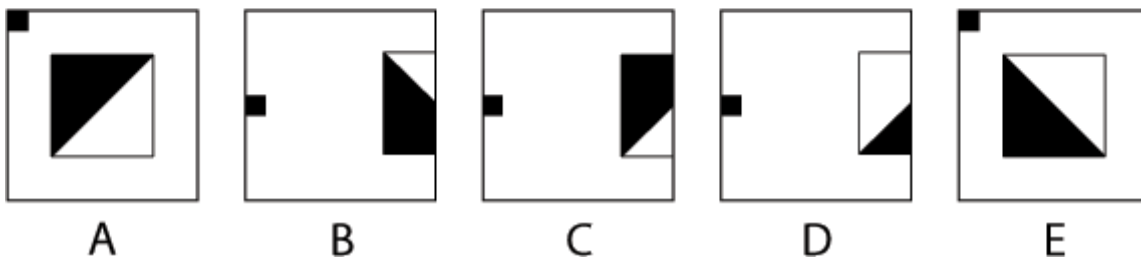
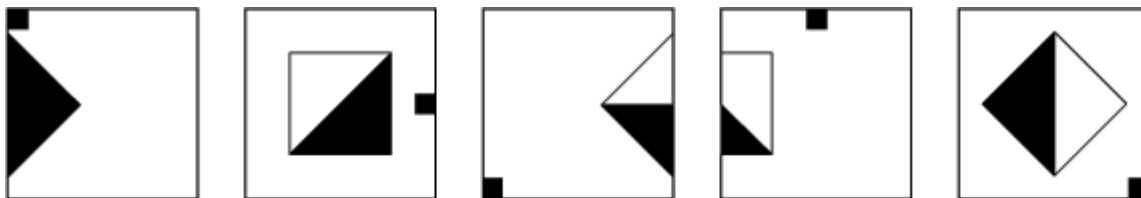
D

E

Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The NW-SE lined circle moves one place to the right each time.
 Rule 2: The NE-SW lined circle moves one place to the left each time.
 Rule 3: The enlarged circle alternates between the leftmost and rightmost circle.



Q26 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The large square rotates 45° clockwise each time.

Rule 2: The large square moves one place to the right each time. When it reaches the right hand side of the box, the pattern repeats.

Rule 3: The small square moves 3 places clockwise around the box.



A

B

C

D

E

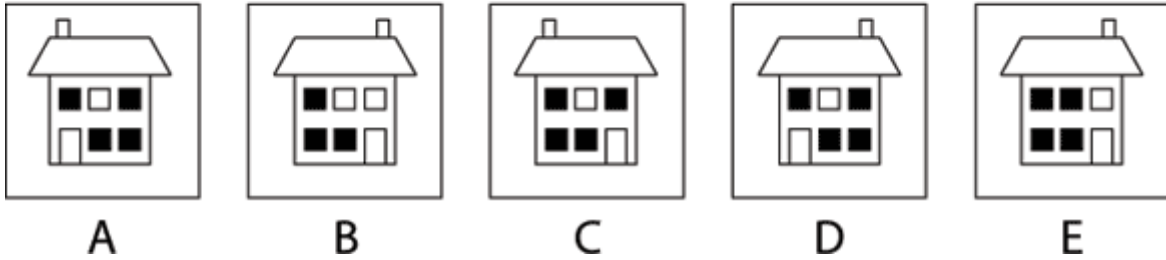
Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The symbol rotates 135° counterclockwise each time.

Rule 2: The small shape goes from circle to triangle to square, and then repeats.

Rule 3: Both segments of the symbol alternate between shaded and unshaded.



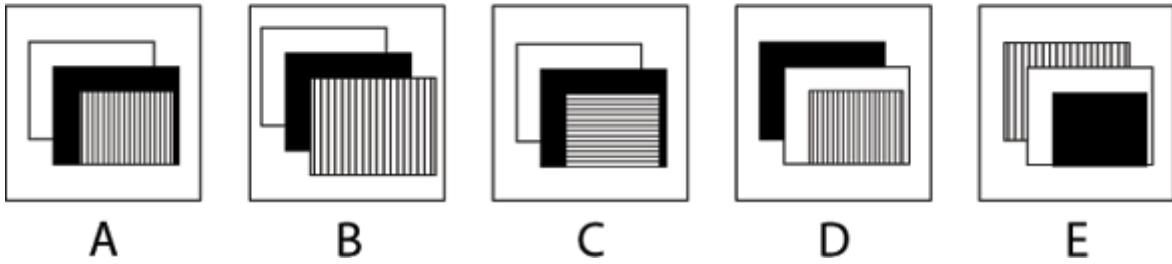
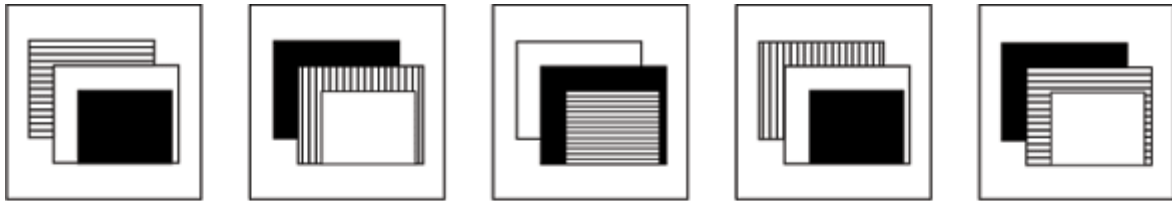
Q28 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The chimney alternates between the left and right hand side of the roof.

Rule 2: The number of shaded windows alternates between 3 and 4.

Rule 3: The door moves one place to the right each time. When it reaches the end, the pattern repeats.



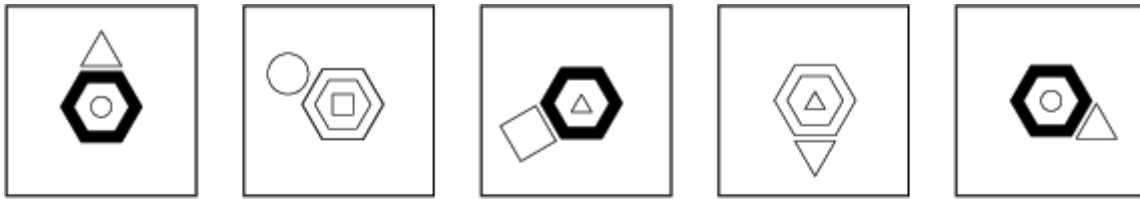
Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: Each rectangle move one place forward each time, and then begins again from the back.

Rule 2: The foreground rectangle is always smaller.

Rule 3: The lines on the lined rectangle alternate between horizontal and vertical.



A

B

C

D

E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The hexagon alternates between shaded and unshaded.

Rule 2: The large outer shape moves one place counterclockwise around the hexagon each time.

Rule 3: The small shape inside the hexagon indicated what the next large outer shape will be.

-- End of Test --

ABSTRACT REASONING TEST 3

Instructions

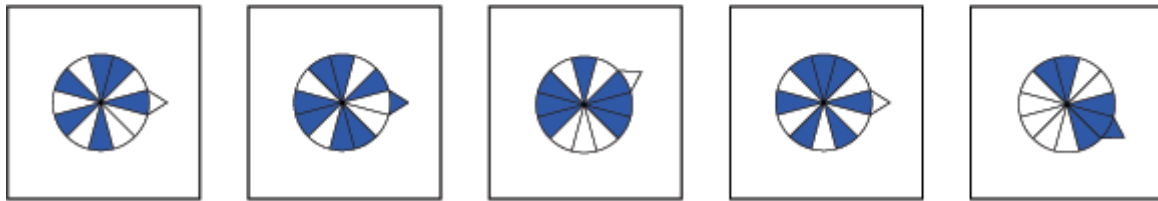
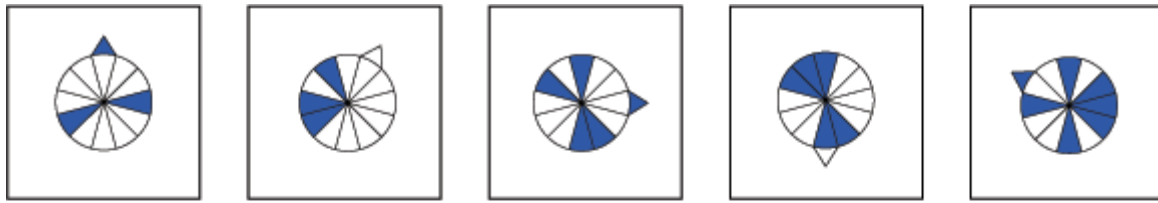
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

E

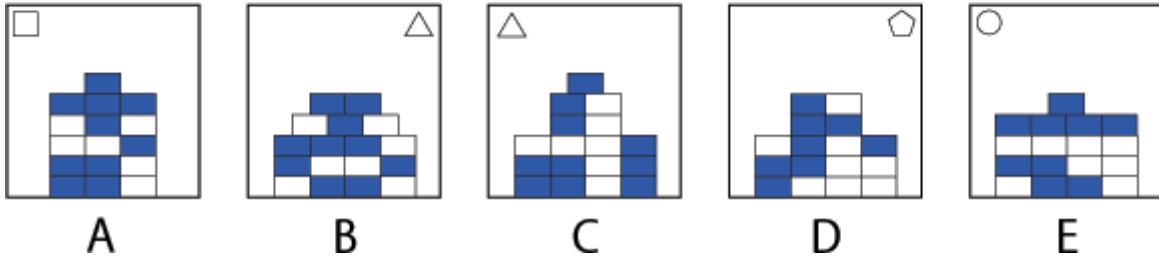
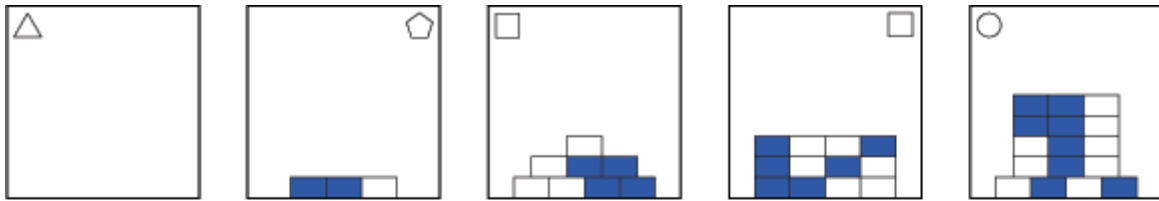
Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The triangle moves clockwise 1 place, then 2 places, then 3 place and so on, around the circle.

Rule 2: The triangle alternates between shaded and unshaded.

Rule 3: The number of shaded segments in the circle increases by one each time.



Q2 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shape at the top alternates between the top left and top right hand corners.

Rule 2: The number of edges of the shape indicated how many bricks should be added to the next box.

Rule 3: The number of shaded bricks per box increases by two each time.



A

B

C

D

E

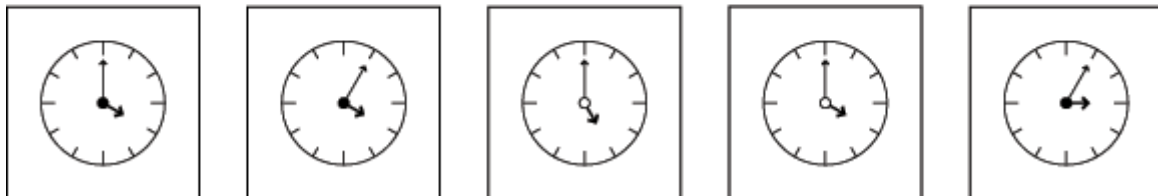
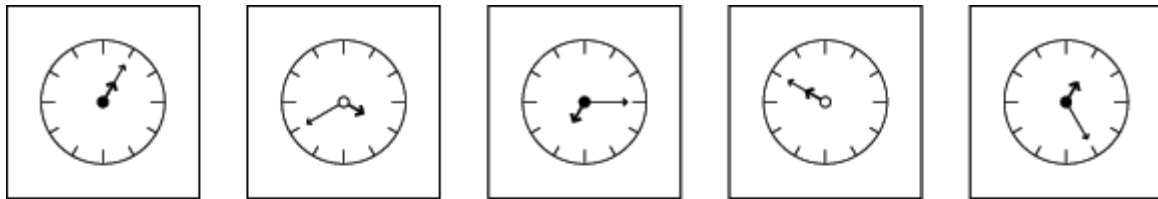
Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of edges in each box is equal to ten.

Rule 2: The last shape in each box is the first shape of the next box.

Rule 3: The shading moves one place to the right each time and then begins again from the left.



A

B

C

D

E

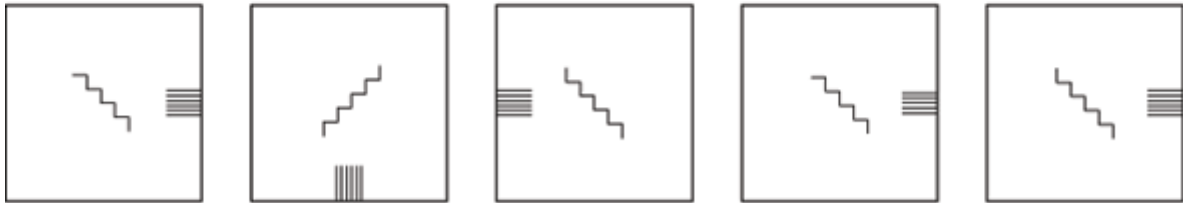
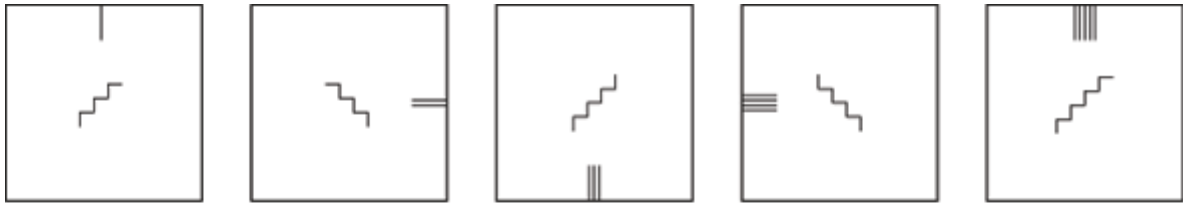
Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The minutes (long) hand rotates 5 hours counterclockwise each time.

Rule 2: The hour (short) hand rotates 3 places clockwise each time.

Rule 3: The circle at the centre of the clock alternates between black and white.



A

B

C

D

E

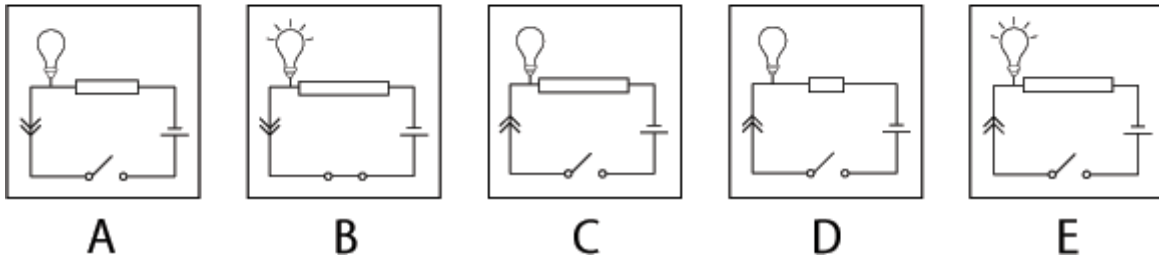
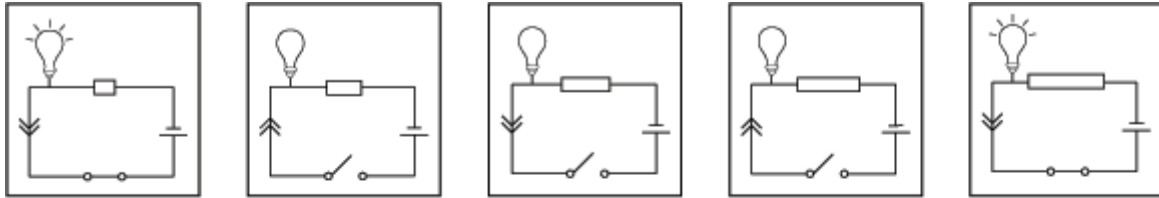
Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The notches move 1 place clockwise around the edge of the box and each time increases by one.

Rule 2: The centre symbol is mirrored horizontally each time.

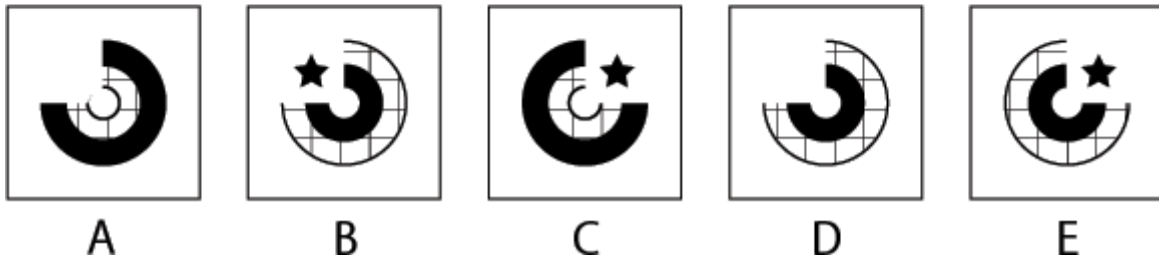
Rule 3: The number of lines in the centre symbol increases by one every two boxes.



Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

- Rule 1: When the circuit is complete (the bottom connection is closed) the bulb lights up. When the circuit is broken (bottom connection is open) the bulb does not light up.
- Rule 2: The arrows on the left of the circuit alternate between pointing up and down.
- Rule 3: The box at the top of the circuit increases in size each time.



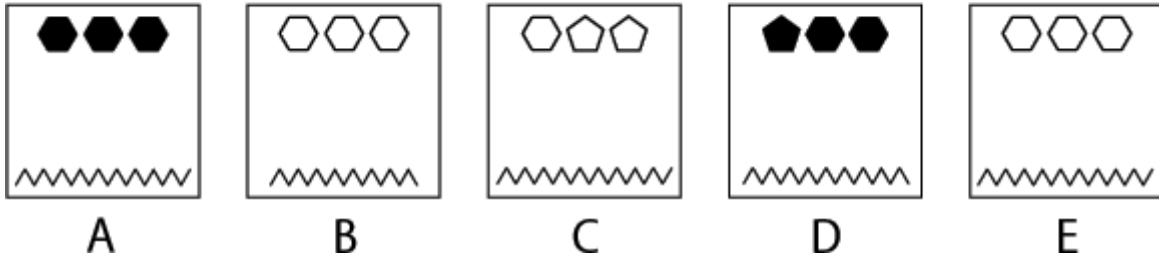
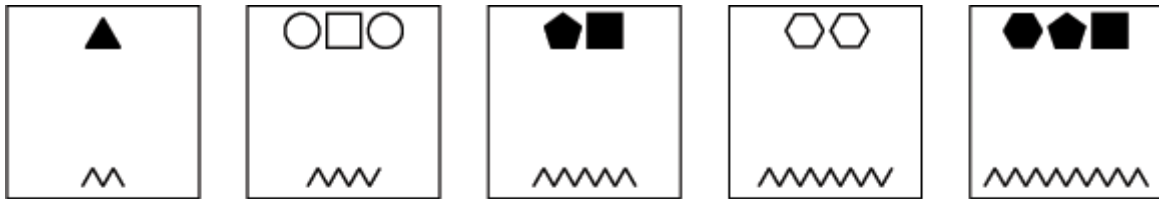
Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The rings alternate between cross hatched and black

Rule 2: The missing quarter moves one place counterclockwise each time.

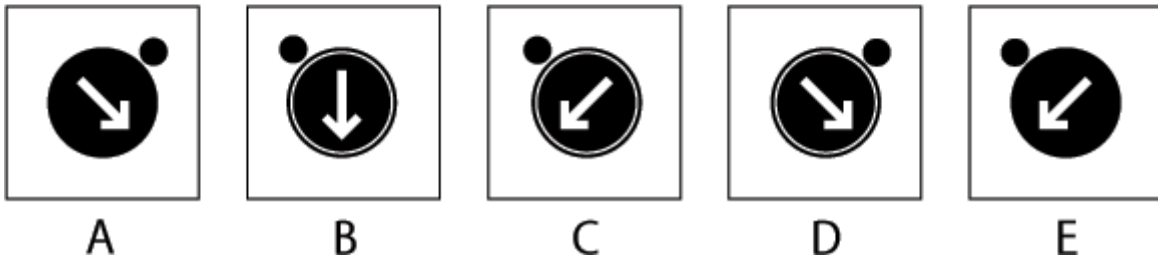
Rule 3: Every second box has a star in the missing quarter.



Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

- Rule 1: The number of diagonal lines at the bottom of the box increases by three each time.
- Rule 2: The total number of edges on the shapes is equal to one less than the total number of lines.
- Rule 3: The shapes alternate between shaded and unshaded.



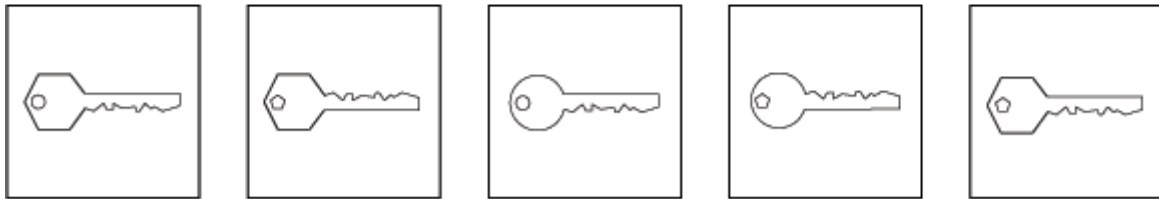
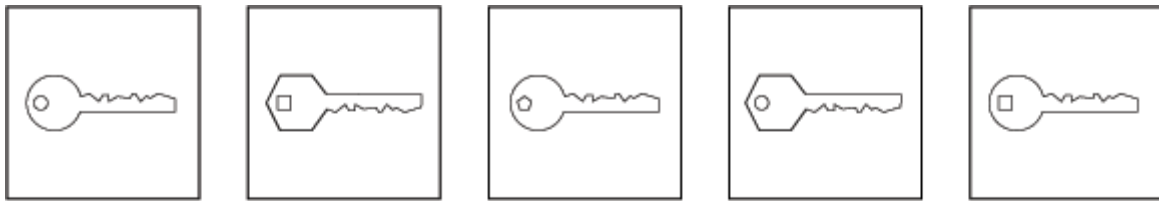
Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The small black circle rotates 90° counterclockwise around the large circle each time.

Rule 2: The arrow rotates 135° counterclockwise each time.

Rule 3: The large circle alternates between having a white trim and no trim.



A

B

C

D

E

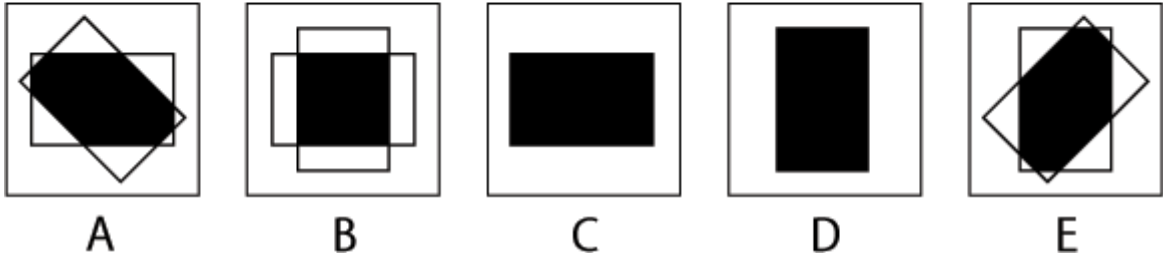
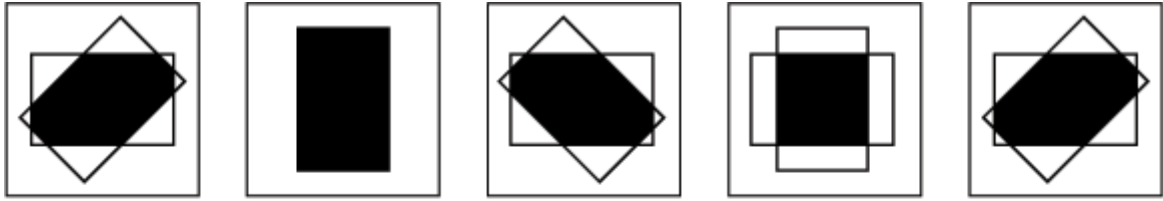
Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The key base alternates between circular and hexagonal.

Rule 2: The hole in the key is circular, square then hexagonal. The pattern then begins again.

Rule 3: The key flips horizontally each time.



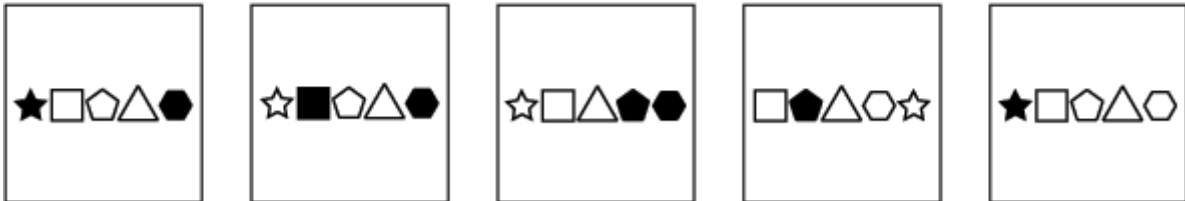
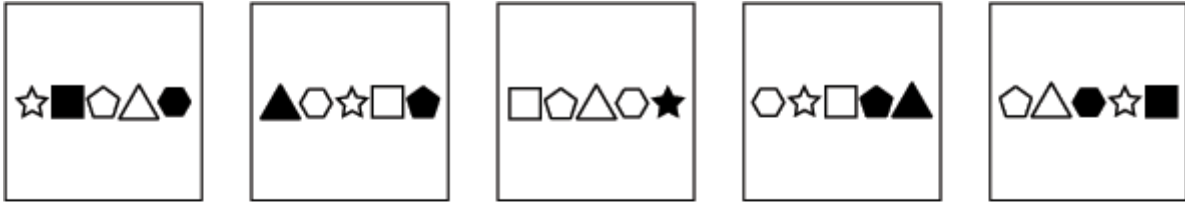
Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: One box rotates 45° counterclockwise each time.

Rule 2: The other box rotates 90° each time.

Rule 3: When both boxes overlap, the overlapping area is shaded.



A

B

C

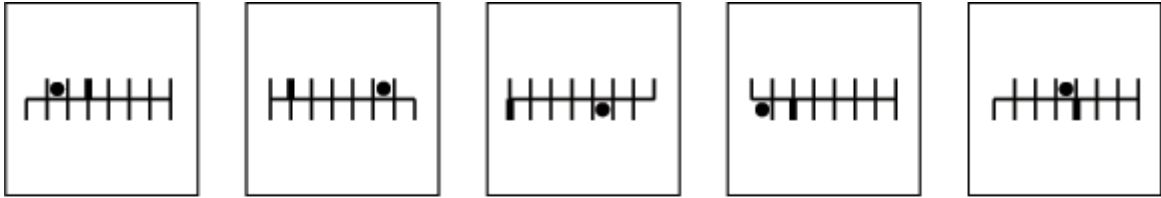
D

E

Q12 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

- Rule 1: Each shape moves two places to the right each time. When they reach the right end of the line, they begin again from the left hand side.
- Rule 2: The final shape in each sequence is always shaded.
- Rule 3: The shading moves one place to the left each time.



A

B

C

D

E

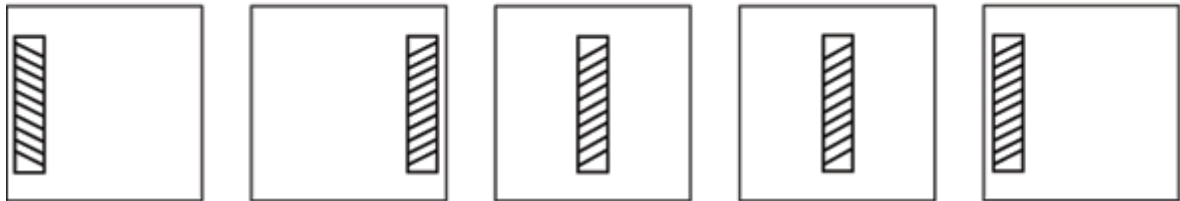
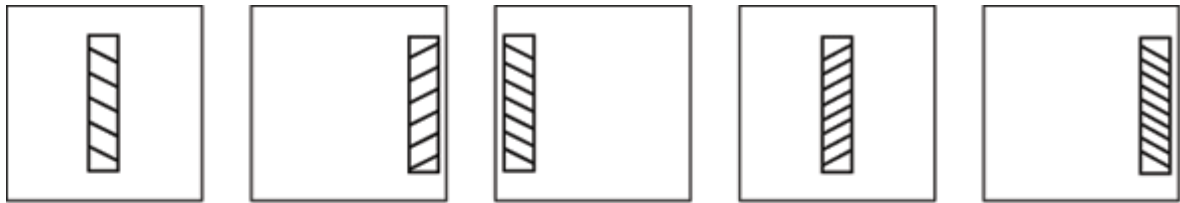
Q13 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The black circle moves 4 places clockwise each time.

Rule 2: The missing line moves one corner clockwise each time.

Rule 3: The thick line moves two places counterclockwise each time.



A

B

C

D

E

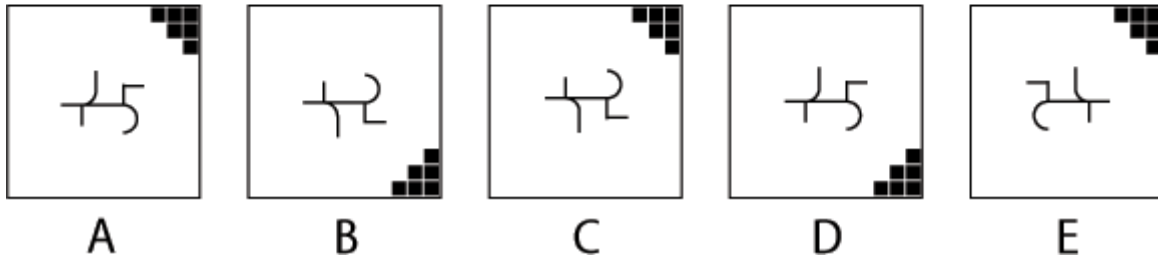
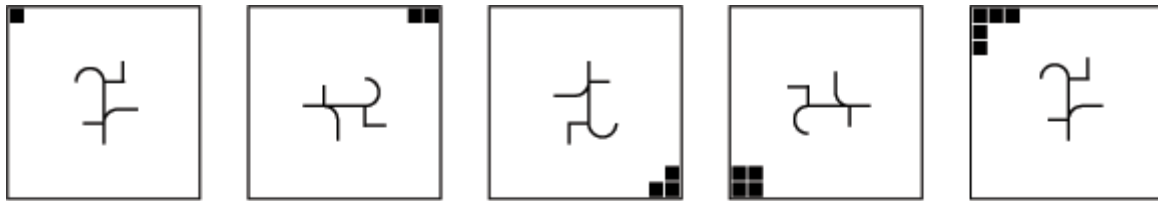
Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The symbol moves from left to right. When it reaches the right of the box, it then begins again from the left.

Rule 2: The number of diagonal lines in the rectangle increases by one each time.

Rule 3: The orientation of the diagonal lines alternates each time.



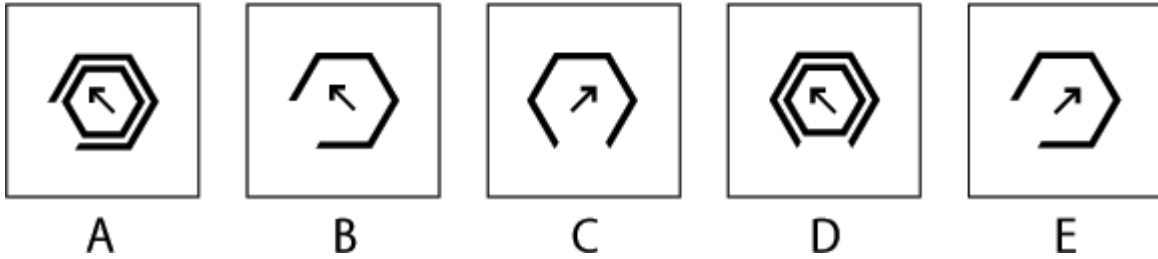
Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The symbol rotates 90° clockwise each time.

Rule 2: The black boxes move clockwise to the next corner each time.

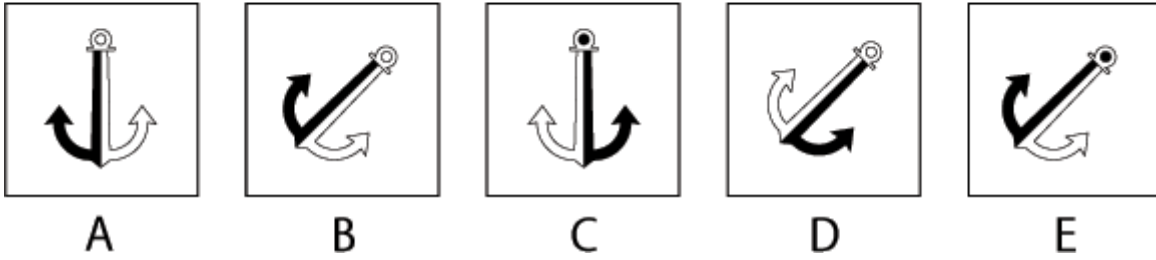
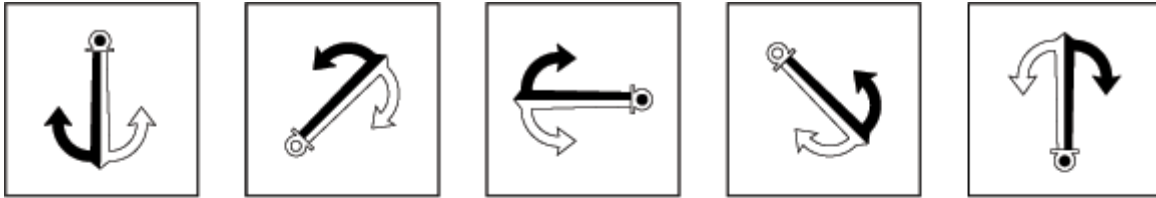
Rule 3: The number of black boxes increases by one each time.



Q16 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The arrow rotates 45° counterclockwise each time.
 Rule 2: The missing segment on the outer hexagon moves one place counterclockwise, then two place, then three and so on.
 Rule 3: The inner hexagon alternates between black and white.



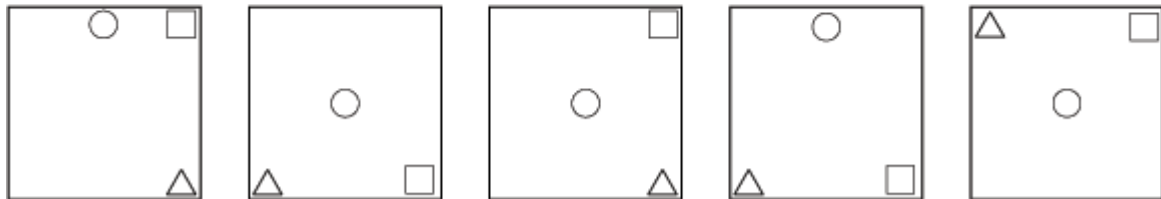
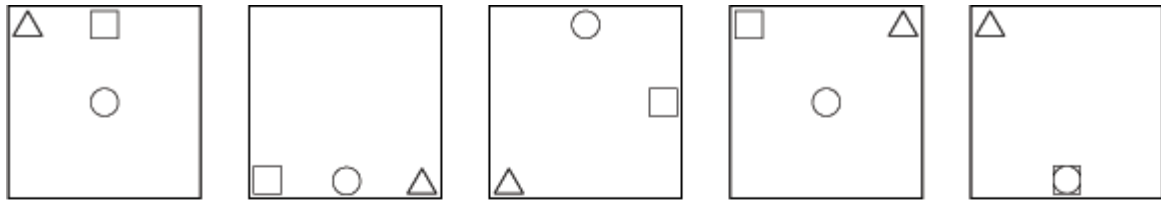
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The anchor rotates 135° counterclockwise each time.

Rule 2: The two main shaded halves of the anchor alternate between black and white.

Rule 3: The circle at the top of the anchor alternates between black and white.



A

B

C

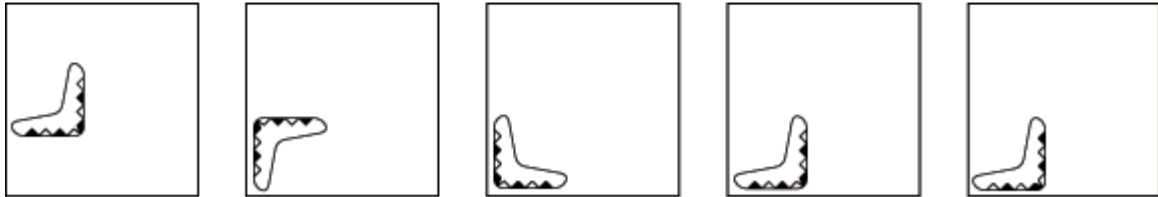
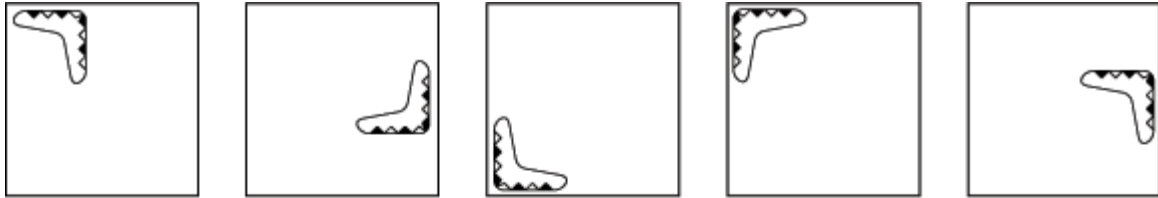
D

E

Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

- Rule 1: The triangle moves from top left, to bottom right, to bottom left, to top right and then begins again.
- Rule 2: The square moves 5 places clockwise around the edge of the box(including centre and corner positions).
- Rule 3: The circle moves down one place each time, beginning again at the top of the box.



A

B

C

D

E

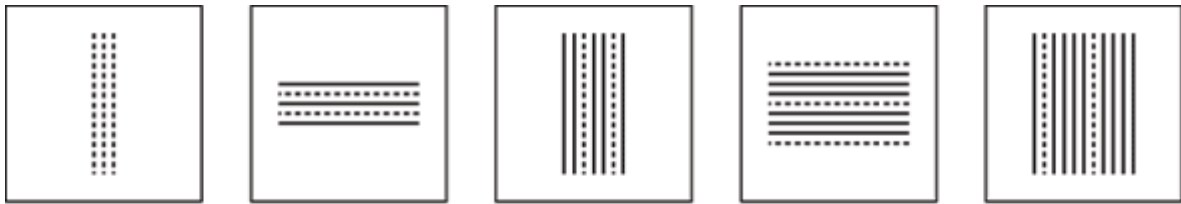
Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The boomerang moves from top left, to middle right, to bottom left, then begins again.

Rule 2: The boomerang rotates 90° clockwise each time.

Rule 3: The triangles on the boomerang alternate between black and white.



A

B

C

D

E

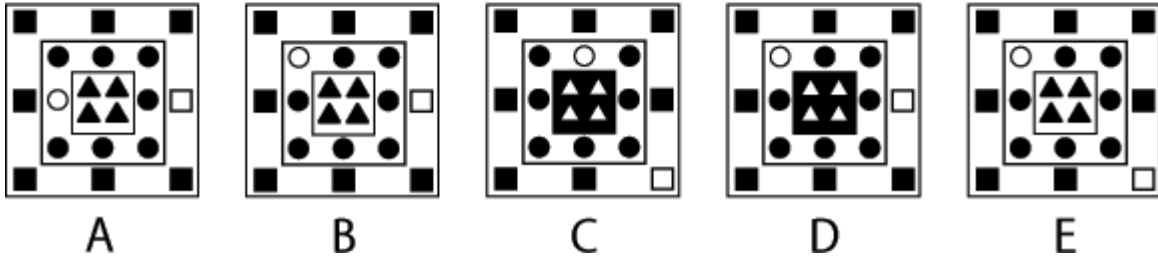
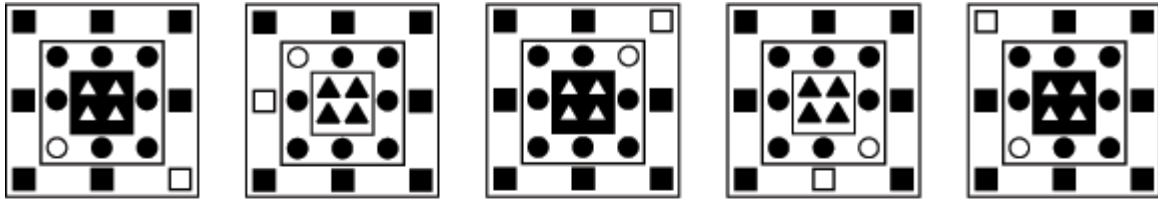
Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The lines' orientation alternates between horizontal and vertical.

Rule 2: The total number of lines increases by two each time.

Rule 3: Every line is dashed, then every second line is dashed, then every third line is dashed and so on.



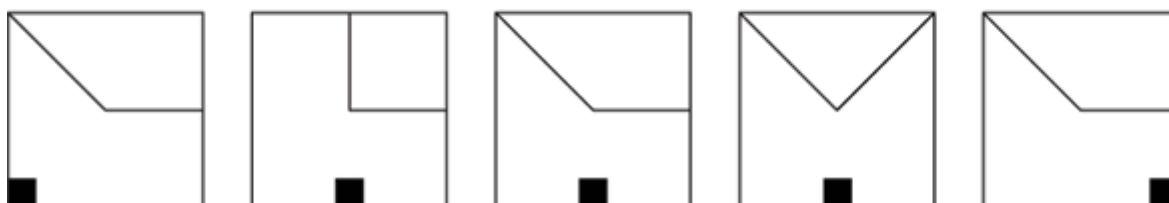
Q21 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The central square with the triangles alternates between black and white shading.

Rule 2: The unshaded circle moves two places clockwise each time.

Rule 3: The unshaded square moves three places clockwise each time.



A

B

C

D

E

Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: One line rotates rotates 90° clockwise each time.

Rule 2: The other line rotates 45° counterclockwise each time.

Rule 3: The black square moves one place clockwise each time.



A

B

C

D

E

Q23 What comes next in the sequence?

(A) A

(B) B

(C) C

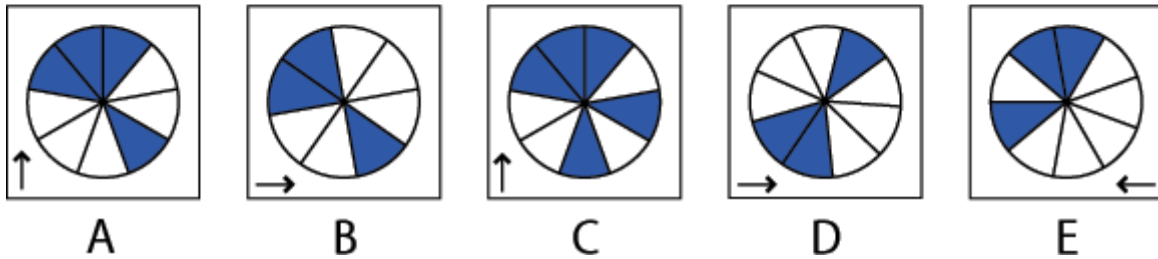
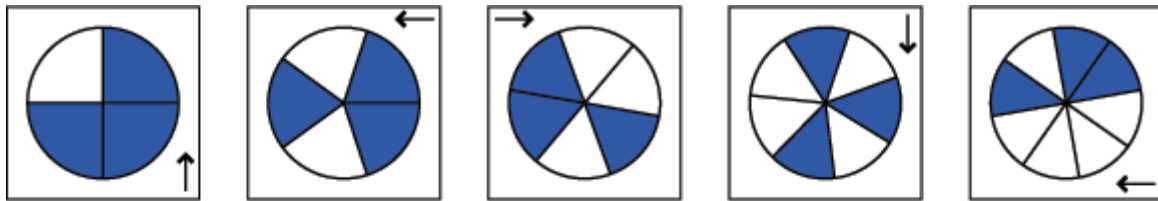
(D) D

(E) E

Rule 1: The number of edges on the outer shape decreases by one each time.

Rule 2: The number of edges on the inner shape increases by one each time.

Rule 3: The shapes alternate between black and white.



Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The number of segments in the circle increases by one each time.
 Rule 2: The arrow points to where the next arrow will be.
 Rule 3: There are always 3 segments shaded.



A

B

C

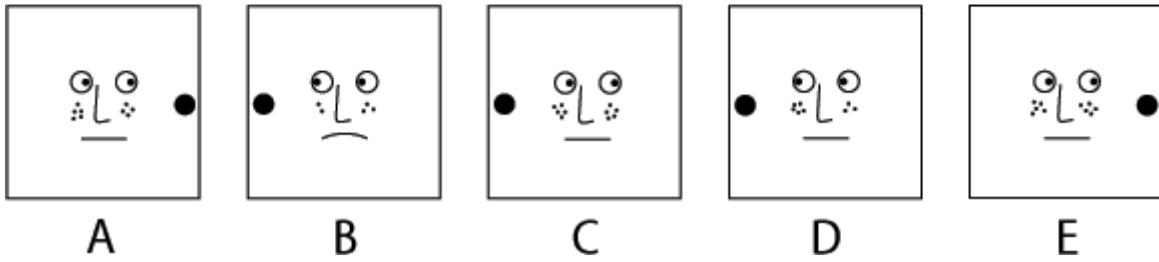
D

E

Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

- Rule 1: The white square moves down one place each time. When it reaches the bottom, it begins again from the top.
- Rule 2: The first box is missing 1 square, the second box is missing 2 squares, the third box is missing 3 squares and so on.
- Rule 3: The column with the missing squares moves one place to the right each time.



Q26 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The face goes from happy, to straight, to sad, to straight then happy and begins again.

Rule 2: The total number of freckles increases by one each time.

Rule 3: The eyes follow the black circle.



A



B



C



D

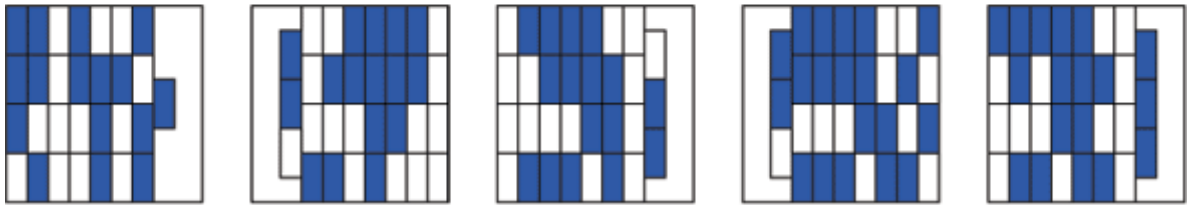
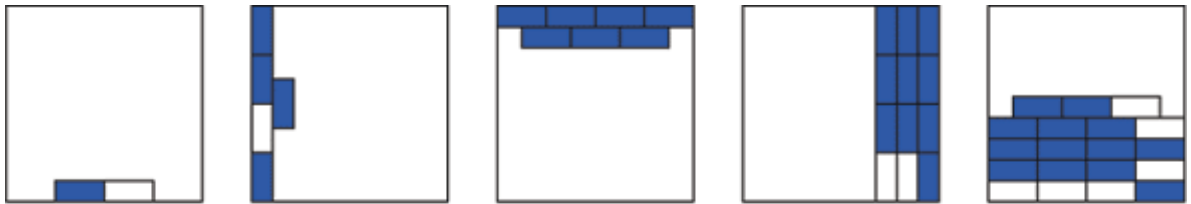


E

Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

- Rule 1: The stripes on the lighthouse alternate between black and white.
- Rule 2: The direction of the light coming from the lighthouse alternates between left and right.
- Rule 3: The total number of stars in each box alternates between four and five.



A

B

C

D

E

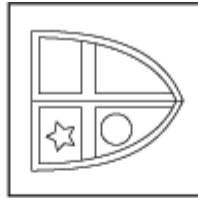
Q28 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The box rotates 90° clockwise each time.

Rule 2: The total number of bricks in a box is the equal to the sum of bricks in the previous two boxes.

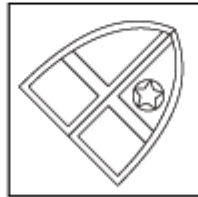
Rule 3: The number of shaded bricks increases by three each time.



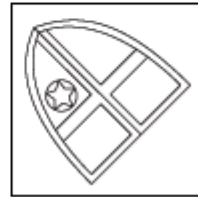
A



B



C



D



E

Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

- Rule 1: The shield rotates 45° counterclockwise each time.
- Rule 2: The star moves two places clockwise each time.
- Rule 3: The circle moves one place clockwise each time.



A

B

C

D

E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

- Rule 1: The dividing line between black and white rotates 45° counterclockwise each time.
- Rule 2: The two halves of the box alternate between black and white.
- Rule 3: The circle moves back and forth along the dividing line, with each half, again, alternating between black and white.

-- End of Test --

ABSTRACT REASONING TEST 4

Instructions

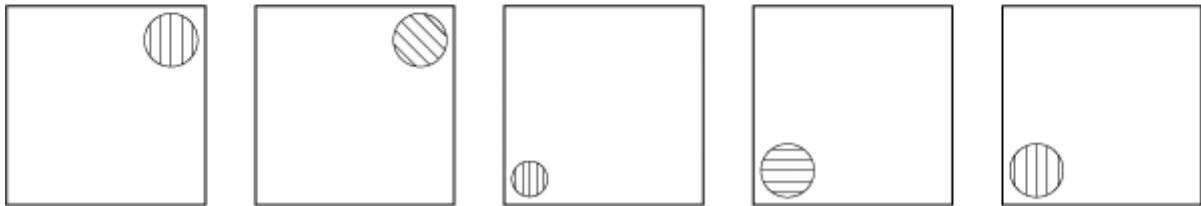
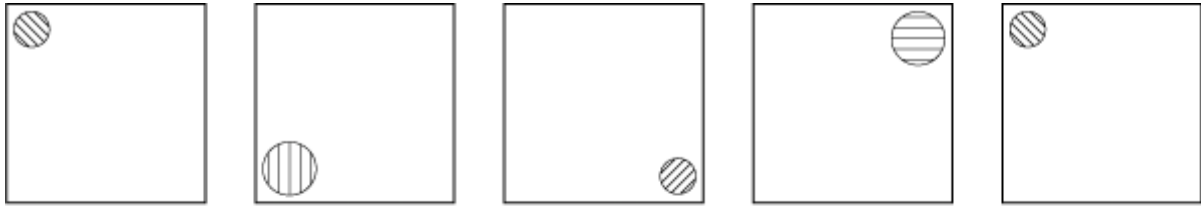
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

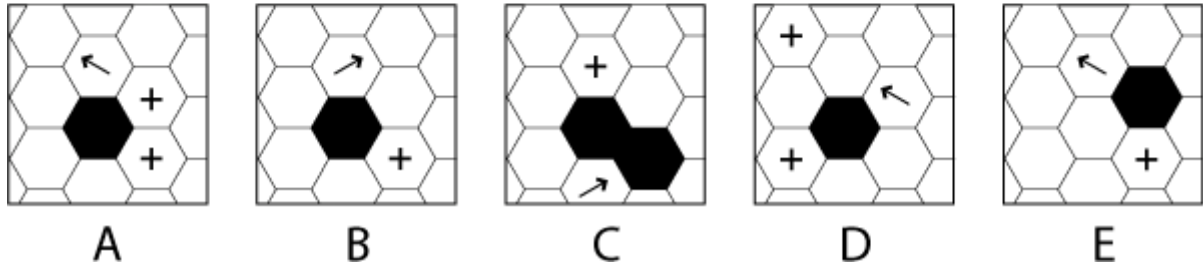
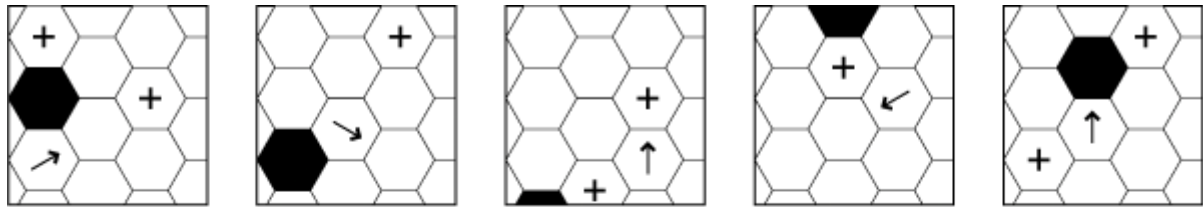
D

E

Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The circle moves counterclockwise to the next corner each time.
 Rule 2: The circle rotates 45° clockwise each time.
 Rule 3: The circle alternates between large and small.



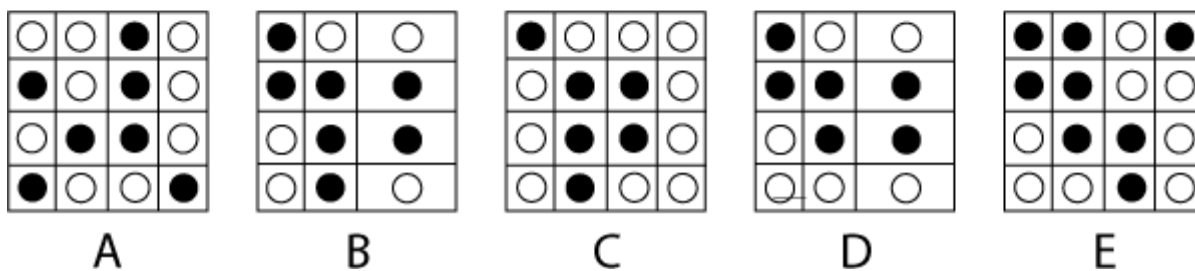
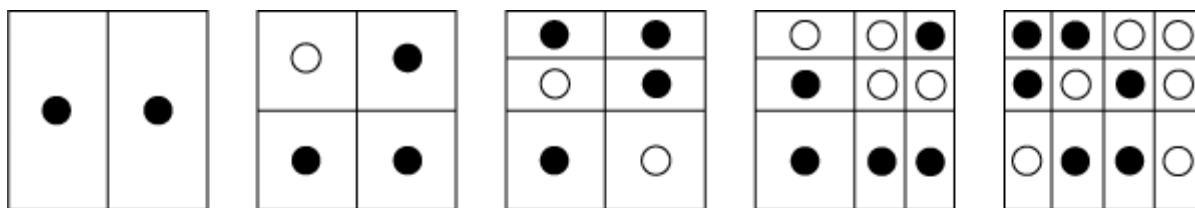
Q2 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The arrow moves in the direction it points each time.

Rule 2: The number of crossed cells alternates between one and two each time.

Rule 3: The shaded cell moves down one place each time. When it reaches the bottom cell, it begins again on the next row.



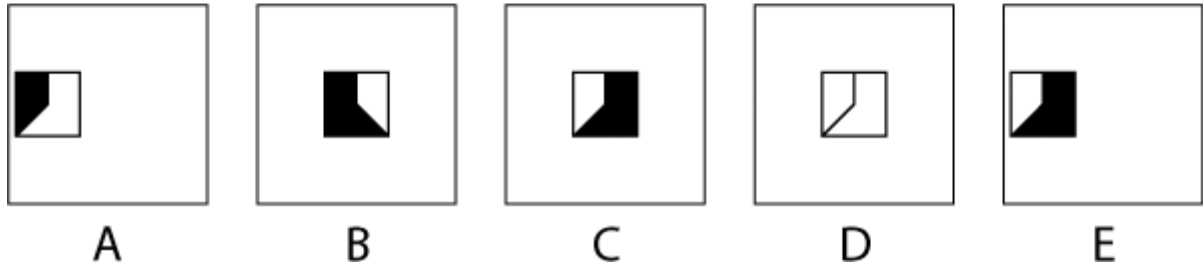
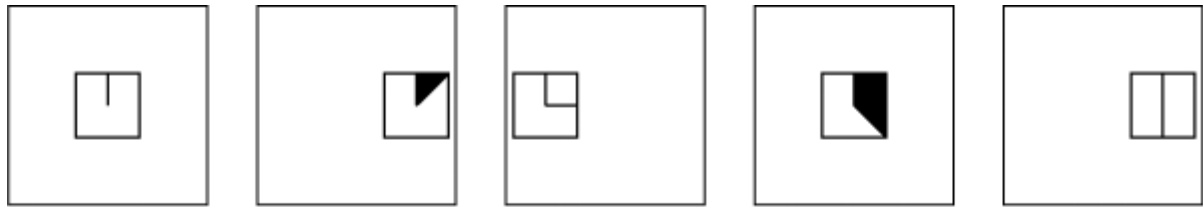
Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: A new line is added each time.

Rule 2: Every box created is filled with a circle.

Rule 3: The total number of shaded circles increases by one each time.



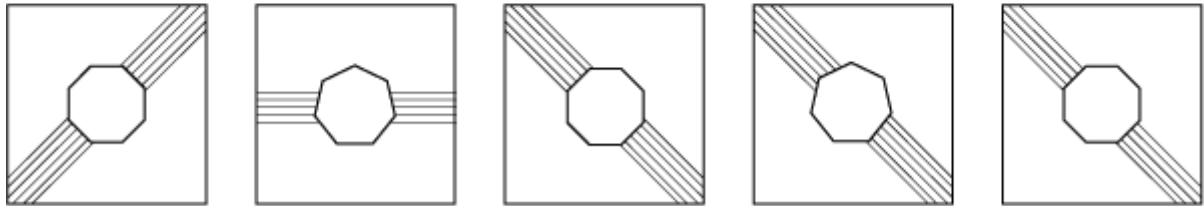
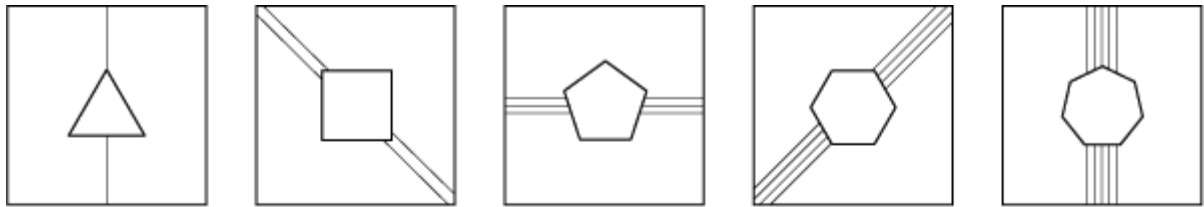
Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The square moves one place to the right each time. When it reaches the right of the box, it begins again from the left.

Rule 2: The expanding segment of the square increases by one each time.

Rule 3: The expanding segment of the square alternates between shaded and unshaded.



A

B

C

D

E

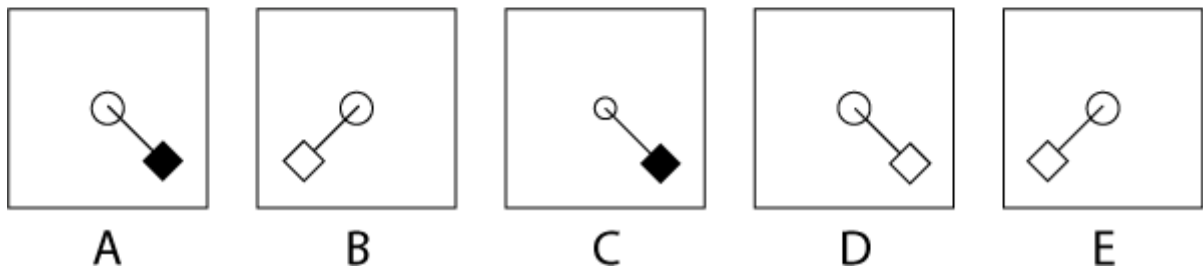
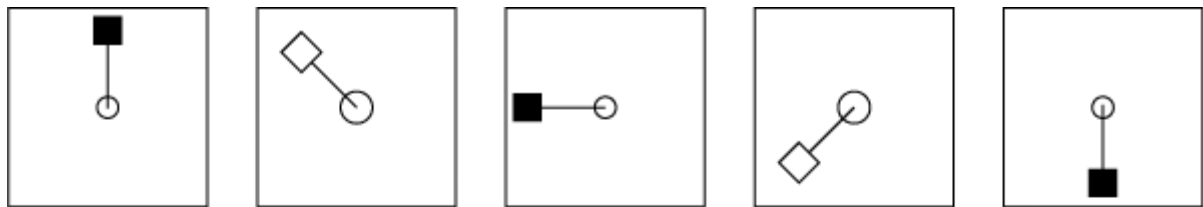
Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The total number of edges on the central shape increases by one each time.

Rule 2: The total number of lines in each box increases by one each time.

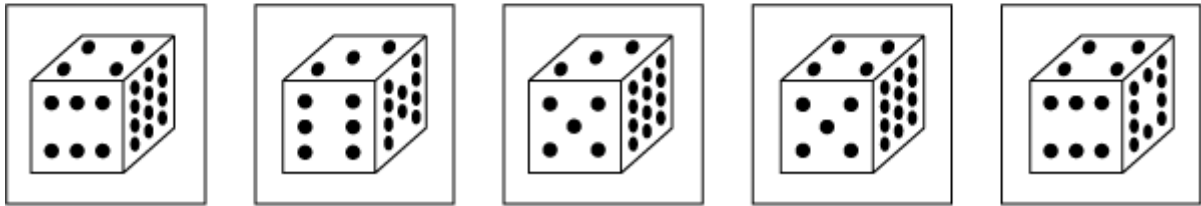
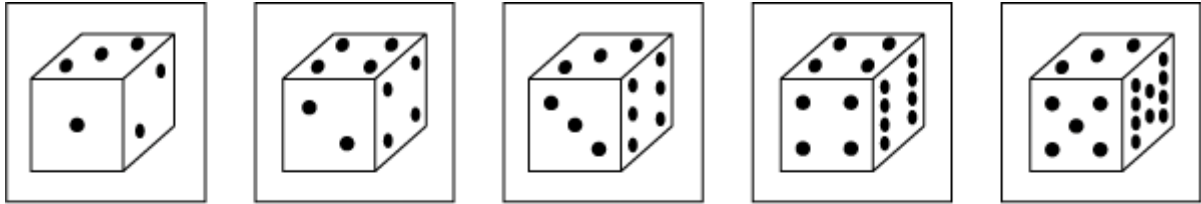
Rule 3: The lines rotate 45° counterclockwise each time.



Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

- Rule 1: The symbol rotates 45° counterclockwise each time.
- Rule 2: The circle alternates between being large and small.
- Rule 3: The square alternates between shaded and unshaded.



A

B

C

D

E

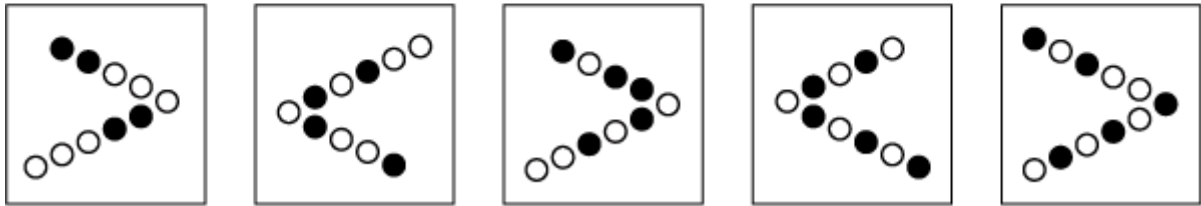
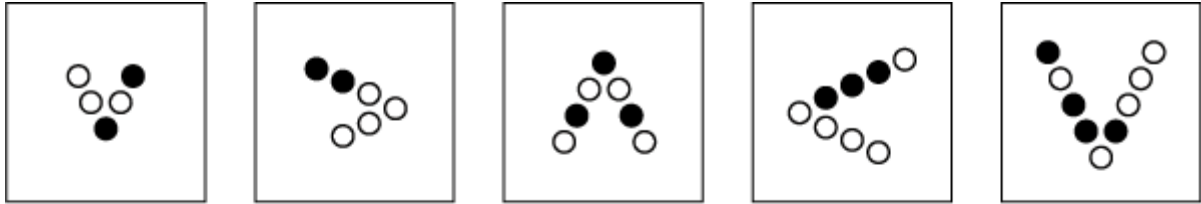
Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of dots on the right side face increases by 2 each time.

Rule 2: The total number of dots on the top side face alternates between 3 and 4.

Rule 3: The total number of dots on the front side face increases by 1 each time.



A

B

C

D

E

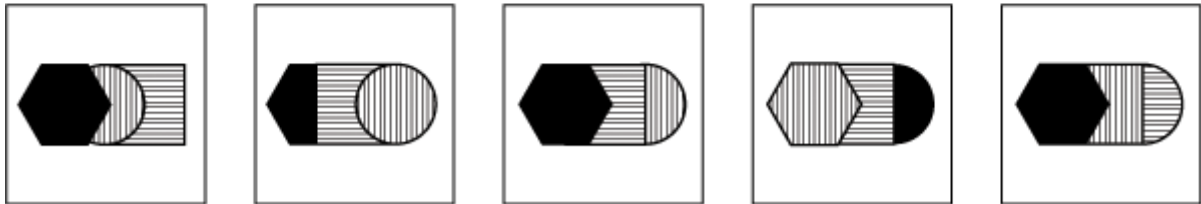
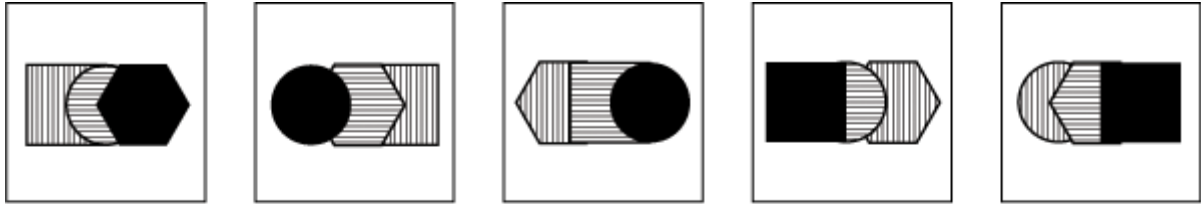
Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: Each time the 'V' shape rotates 90° counterclockwise.

Rule 2: Each time the total number of circles increases by one.

Rule 3: The total number of shaded circles increases by one every two boxes.



A

B

C

D

E

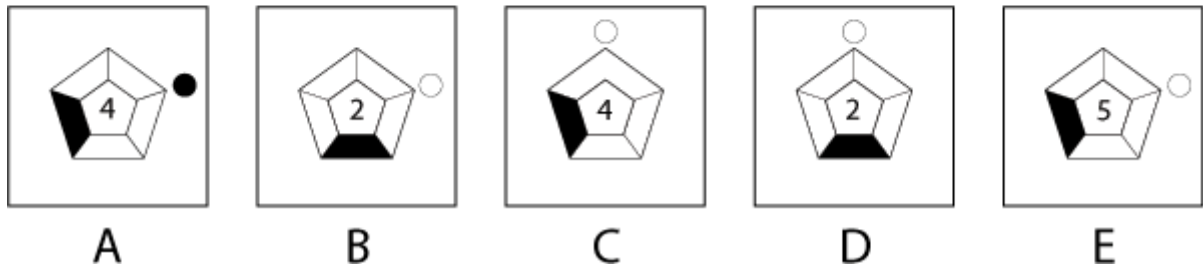
Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The shapes move one place to the left each time.

Rule 2: The shaded shape alternates between the left and right sided shape.

Rule 3: The left and right sided shapes alternate between being in the foreground and the background.



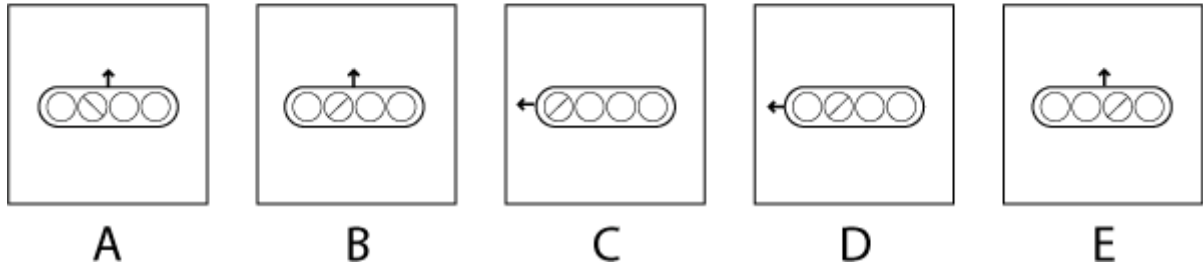
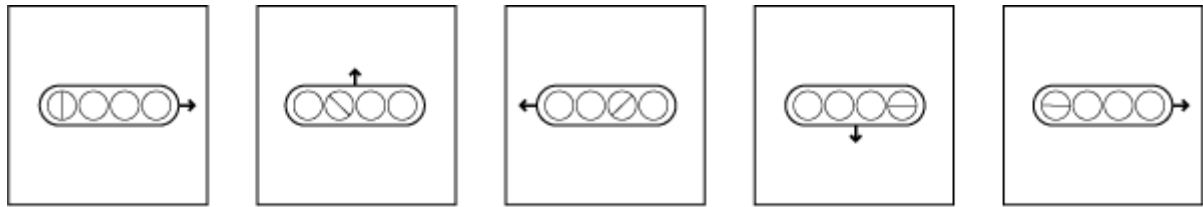
Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: Each time the circle moves counterclockwise to the next point of the pentagon.

Rule 2: The circle alternates between shaded and unshaded.

Rule 3: The number in the pentagon indicates how many places clockwise the shaded segment of the pentagon moves in the next box.



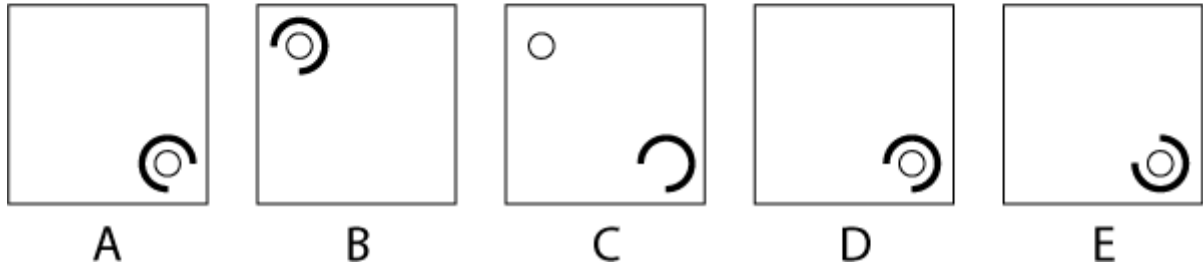
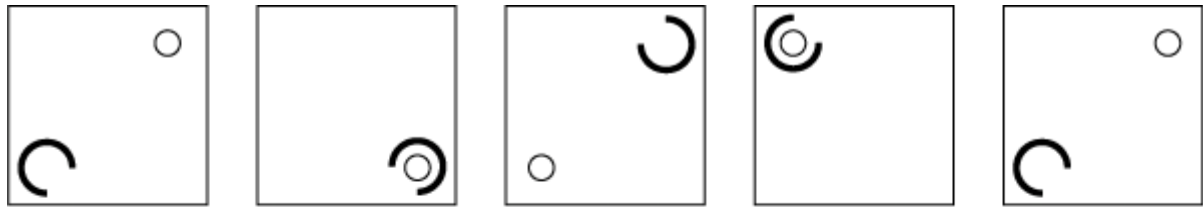
Q11 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The arrow moves one place counterclockwise around the track each time.

Rule 2: The line in the circle rotates counterclockwise by 45° , then 90° , then 135° and so on.

Rule 3: The lined circle moves one place to the right each time, and then begins again from the left hand side.



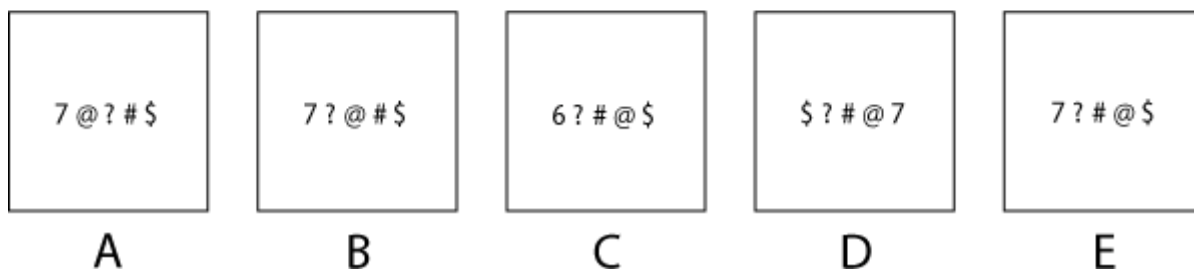
Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The circle moves clockwise to the next corner each time.

Rule 2: The shaded symbol moves counterclockwise to the next corner each time.

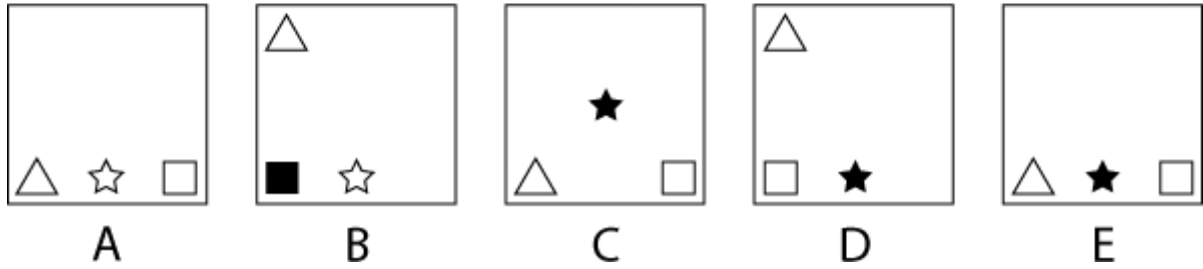
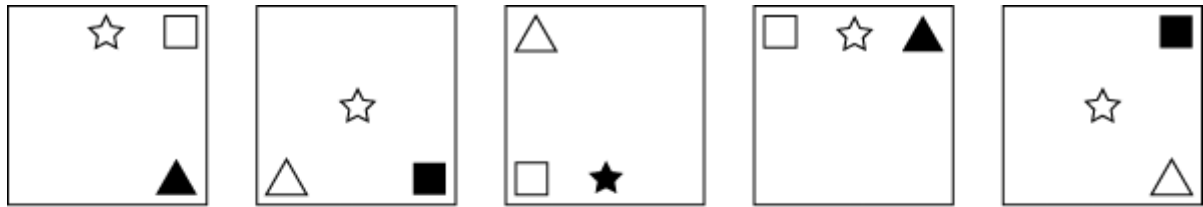
Rule 3: The shaded symbol rotates 90° clockwise each time.



Q13 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E**

Rule 1: The number and the '\$' switch places each time.
Rule 2: Each time the number increases by one.
Rule 3: The three middle symbols each move one place to the right each time.



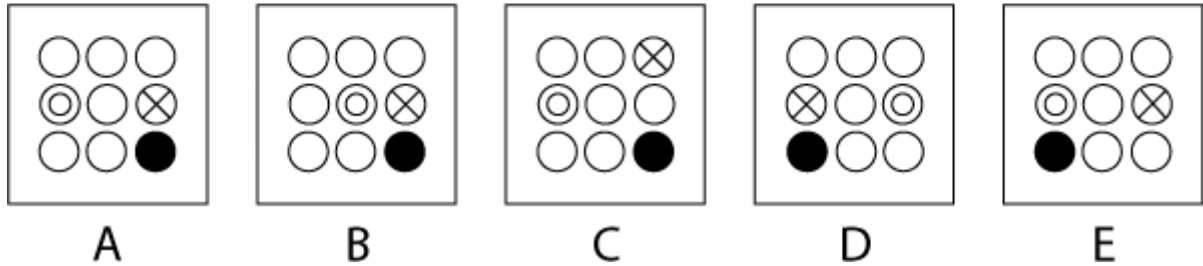
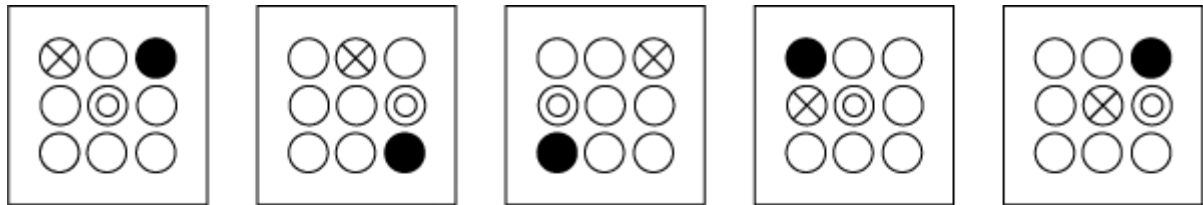
Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The square and triangle move clockwise to the next corner each time.

Rule 2: The star moves down one place each time, when it reaches the bottom of the box, it then begins again from the top.

Rule 3: The shaded shape sequence is triangle, square, star, then repeat.



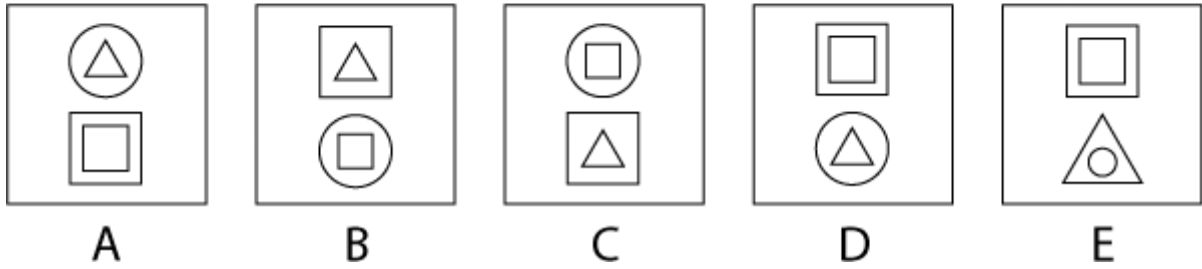
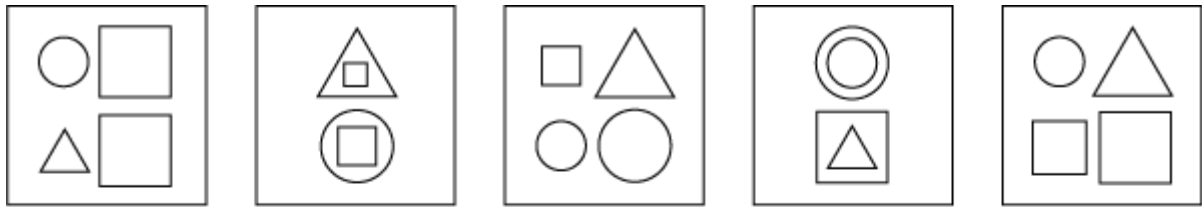
Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The crossed circle moves one place to the right each time. When it reaches the end of the row, it begins again on the next row.

Rule 2: The shaded circle moves one place clockwise to the next corner.

Rule 3: The double circle moves one place to the right each time, and then the pattern repeats.



Q16 What comes next in the sequence?

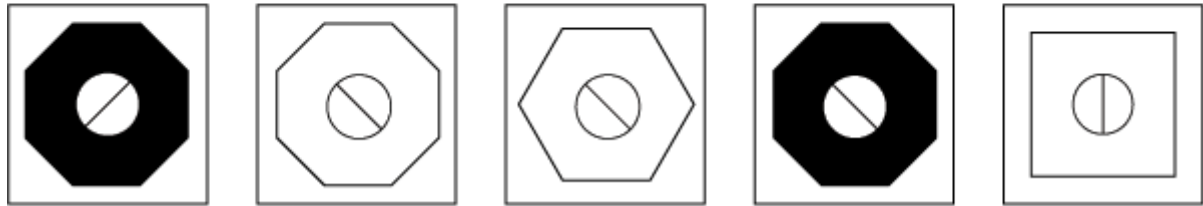
- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Every two boxes are pairs, and are independent of the other boxes.

Rule 1: The large(right hand) shapes become small in the next box, whereas the small(left hand) shapes become large.

Rule 2: Both of the top shapes merge and become the bottom symbol of the next box.

Rule 3: Both of the bottom shapes merge and become the top symbol of the next box.



A

B

C

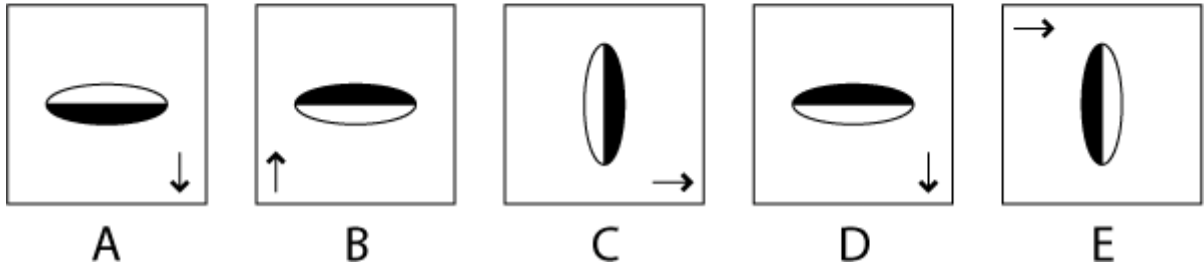
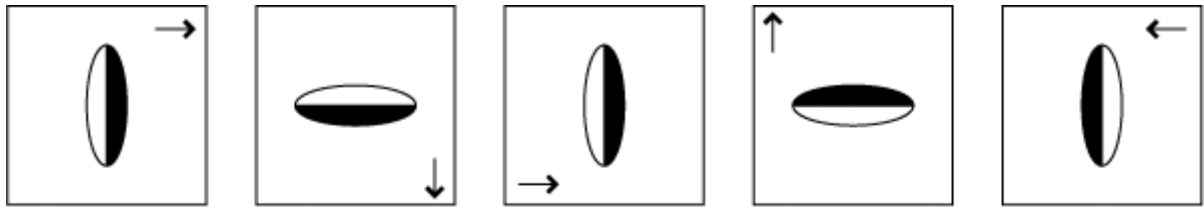
D

E

Q17 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

- Rule 1: The large, outer shape alternates between shaded and unshaded each time.
- Rule 2: The total number of edges of the large outer shape increases by one each time.
- Rule 3: The lined circle in the centre rotates 45° counterclockwise each time.



Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The oval symbol rotates 90° each time.

Rule 2: The arrow moves one place clockwise to the next corner each time.

Rule 3: The arrow indicates which side of the oval is highlighted.



A

B

C

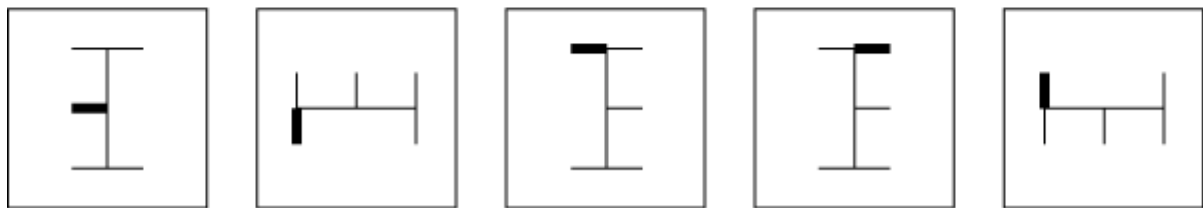
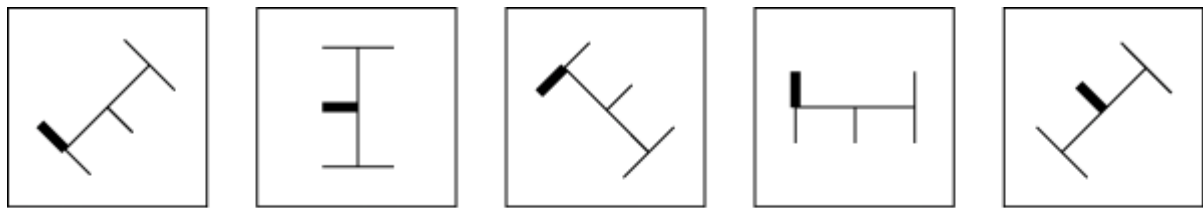
D

E

Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The cup goes from full to half full to almost empty and then the pattern repeats.
 Rule 2: The number of steam lines coming from the cup alternates between two and three.
 Rule 3: The cup handle alternates between being on the right and left side of the cup.



A

B

C

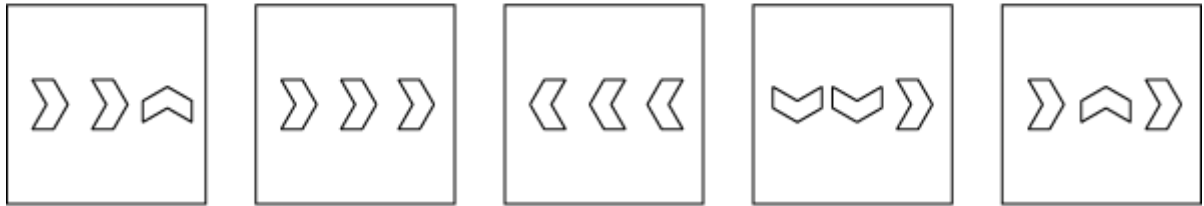
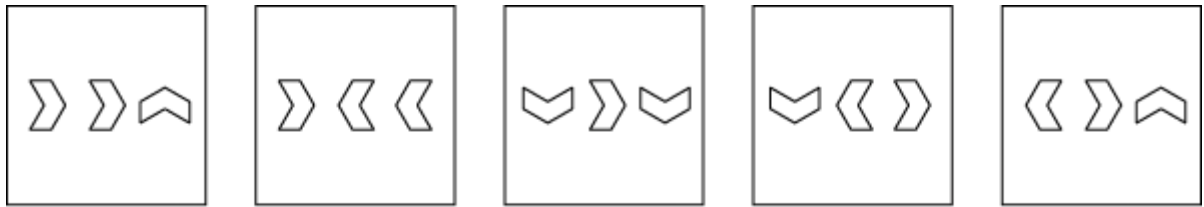
D

E

Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

- Rule 1: The symbol rotates 45° counterclockwise each time.
- Rule 2: The thick branch of the symbol moves one place clockwise around the symbol each time, regardless of the orientation of the symbol.
- Rule 3: The missing branch alternates between the middle two branches, regardless of the orientation of the symbol.



A

B

C

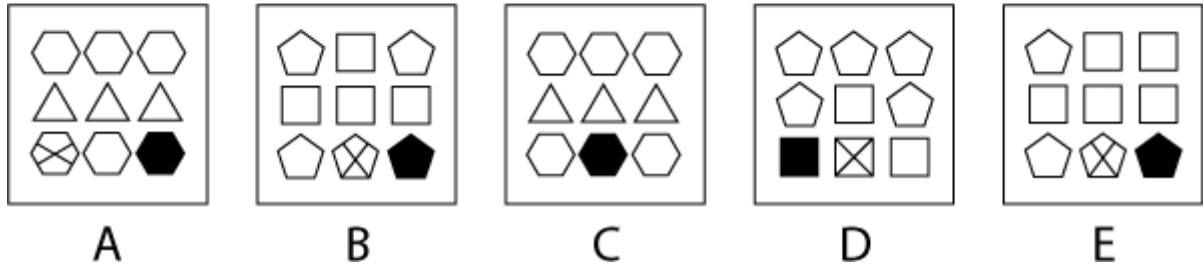
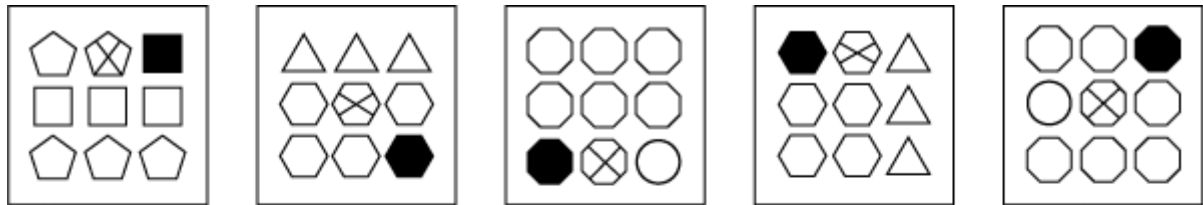
D

E

Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

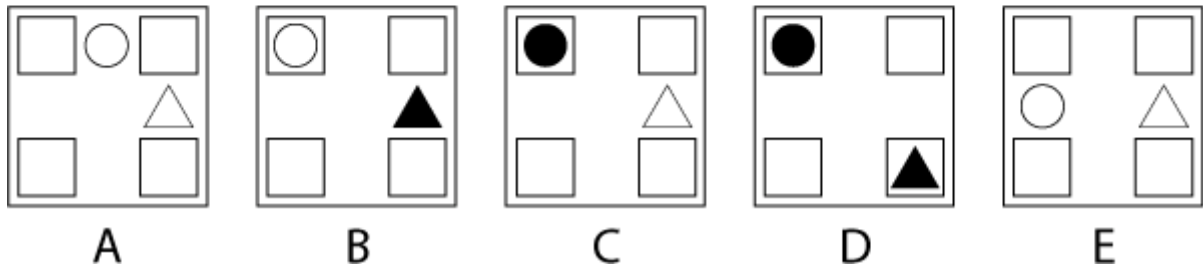
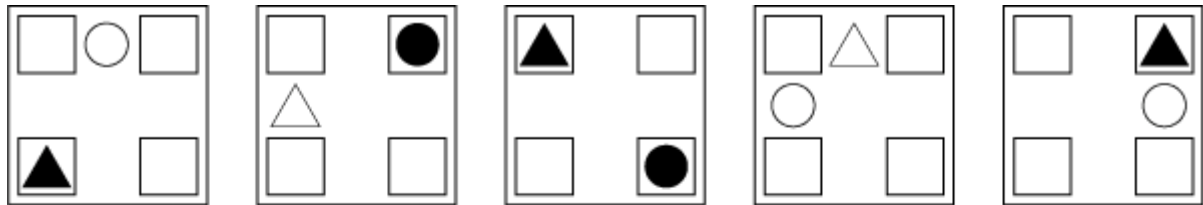
Rule 1: The left hand symbol rotates 90° clockwise every two boxes.
 Rule 2: The middle symbol alternates between pointing left and right each time.
 Rule 3: The right hand symbol rotates 90° counterclockwise each time.



Q22 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

- Rule 1: Each box has 9 shapes. The total number of edges on a shape is equal to the total number of that shape.
- Rule 2: The shaded shape moves one place clockwise to the next corner each time.
- Rule 3: The crossed shape moves one place down each time and then the pattern repeats.



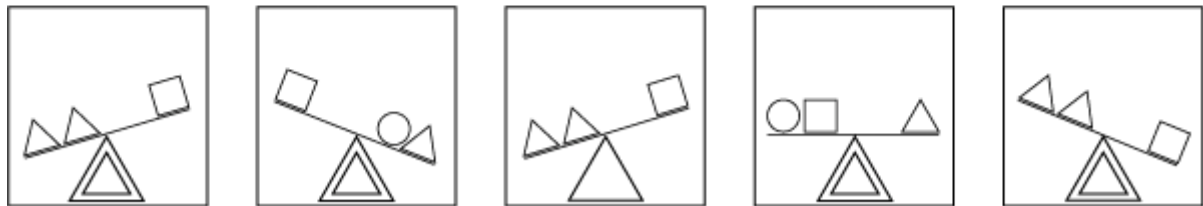
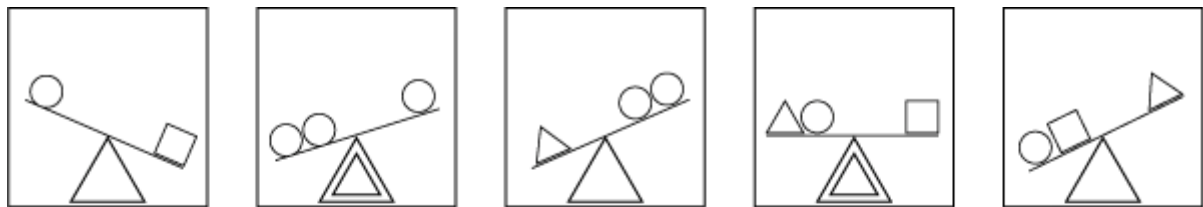
Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The circle moves clockwise one place, then two places, then three places and so on, each time.

Rule 2: The triangle moves one place clockwise around the box each time.

Rule 3: Whenever two shapes overlap, the overlapping area is shaded.



A

B

C

D

E

Q24 What comes next in the sequence?

(A) A

(B) B

(C) C

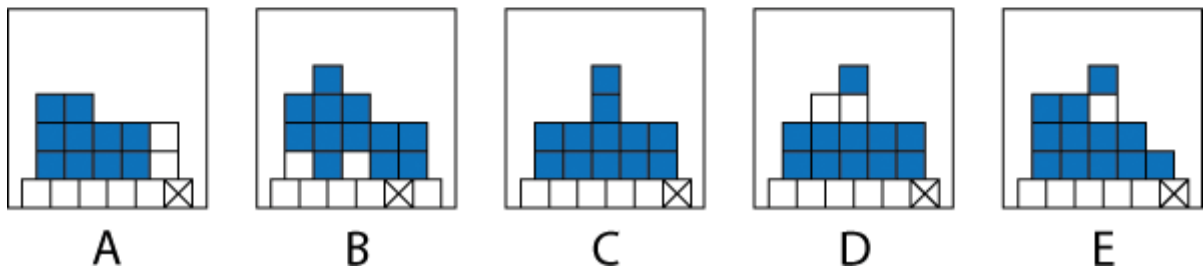
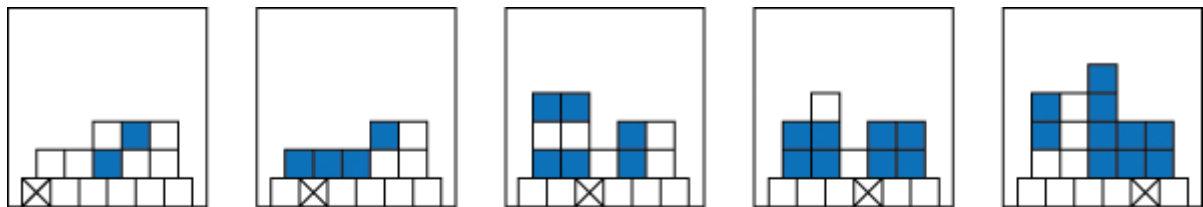
(D) D

(E) E

Rule 1: Each shape's weight is equal to its total number of edges.

Rule 2: The total number of edges on the left side of the scales increases by one each time.

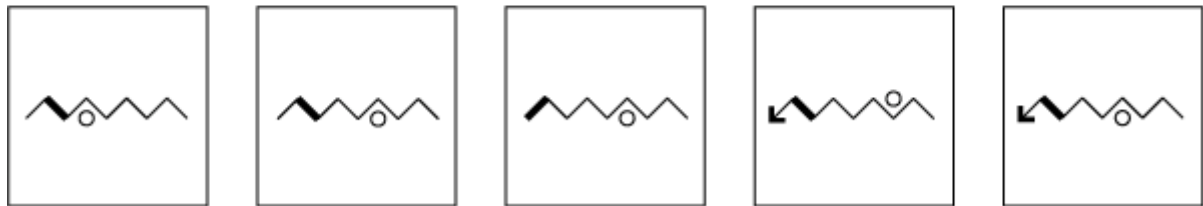
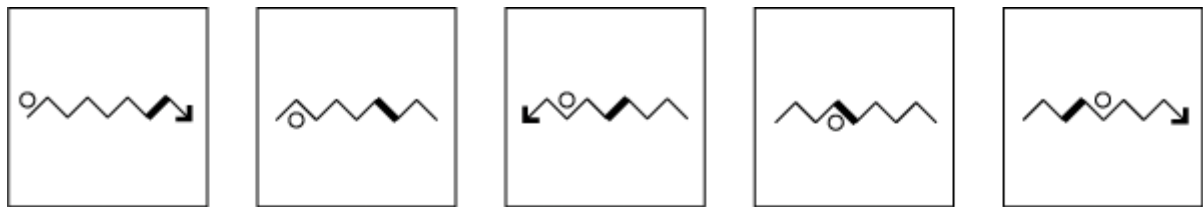
Rule 3: The pivot alternates between consisting of one triangle and two triangles each time.



Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The total number of boxes increases by four, then decreases by one, then increases by four again and so on.
 Rule 2: The crossed box moves one place the right each time.
 Rule 3: The total number of shaded boxes increases by two each time.



A

B

C

D

E

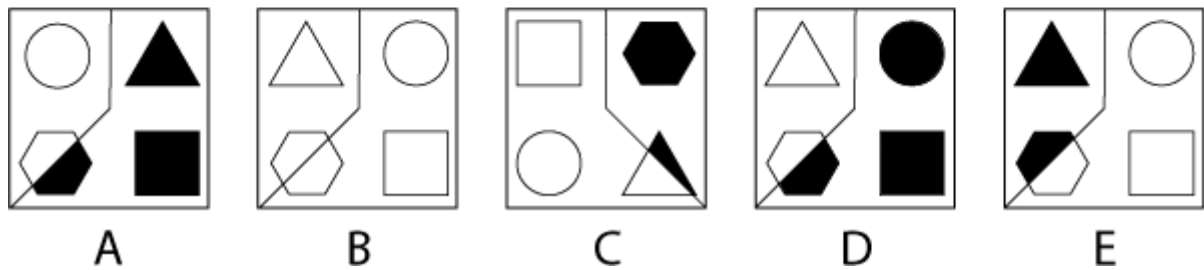
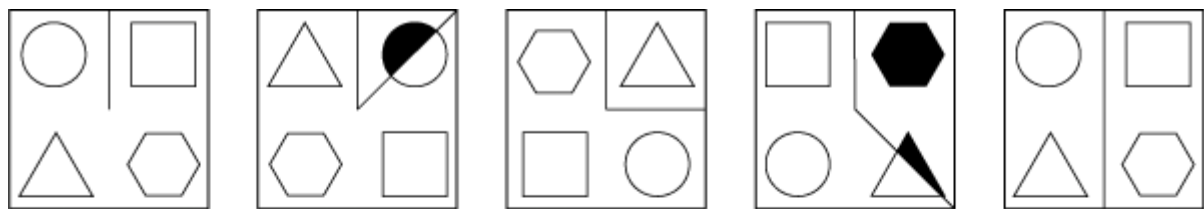
Q26 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The circle moves one place to the right each time.

Rule 2: The thick line moves one place to the left each time.

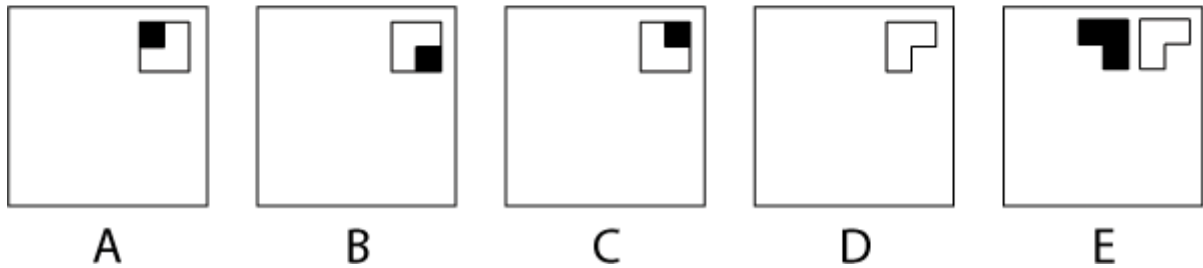
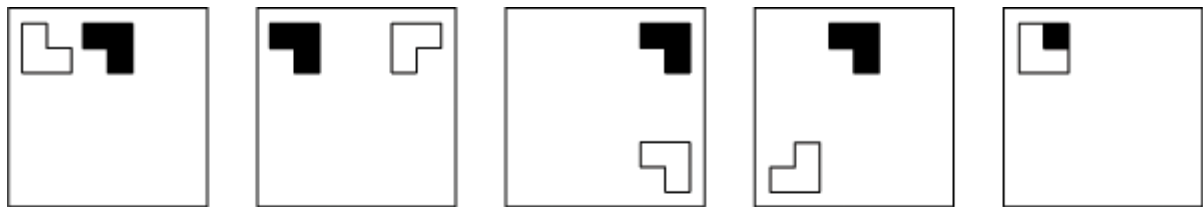
Rule 3: The symbol alternates between having a right and left pointing arrow, with a 'no arrow' box in between.



Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

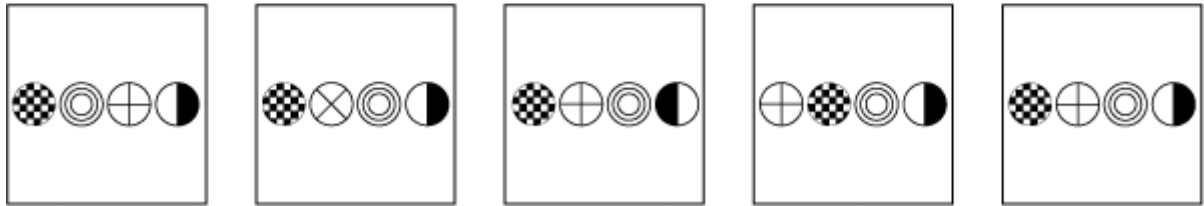
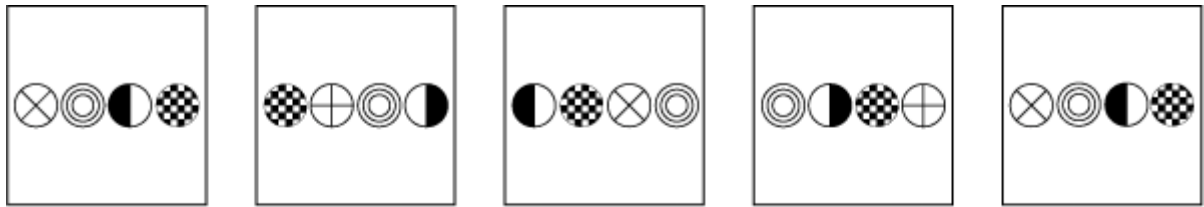
Rule 1: Each shape moves clockwise to the next corner each time.
 Rule 2: The segment line rotates 45° clockwise each time.
 Rule 3: The shapes inside the segment alternates between shaded and unshaded.



Q28 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

- Rule 1: The unshaded symbol rotates 90° clockwise each time.
- Rule 2: The unshaded symbol moves one place clockwise to the next corner each time.
- Rule 3: The shaded symbol moves one place to the left each time, and then the pattern repeats from the right.



A

B

C

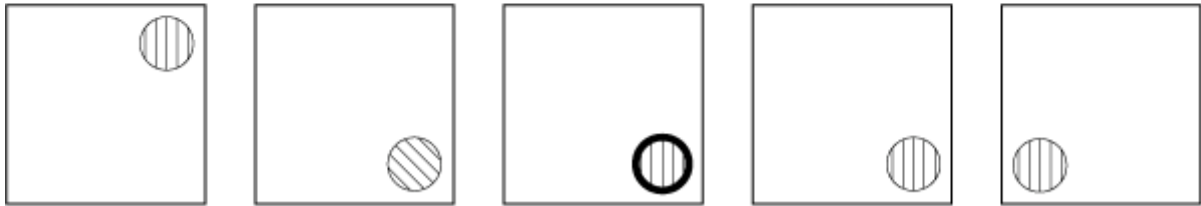
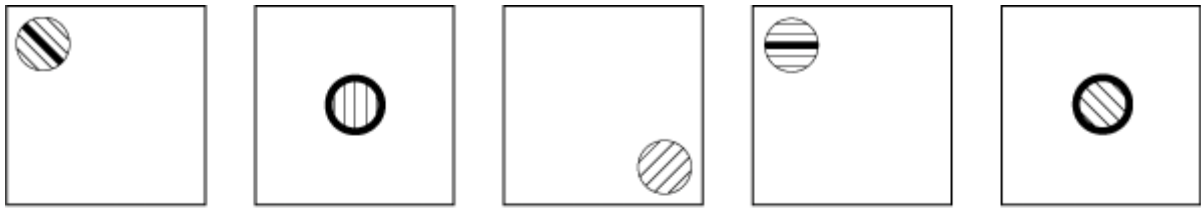
D

E

Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: Each symbol moves one place to the right each time.
 Rule 2: The halved circle shading alternates each time.
 Rule 3: The quartered circle rotates 45° each time.



A

B

C

D

E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shape moves diagonally from top-left to middle to bottom-right, then repeats.
 Rule 2: The heavy shading goes from inner line, to outer line, to none, then repeats.
 Rule 3: Each time the shape rotates 45° clockwise.

-- End of Test --

ABSTRACT REASONING TEST 5

Instructions

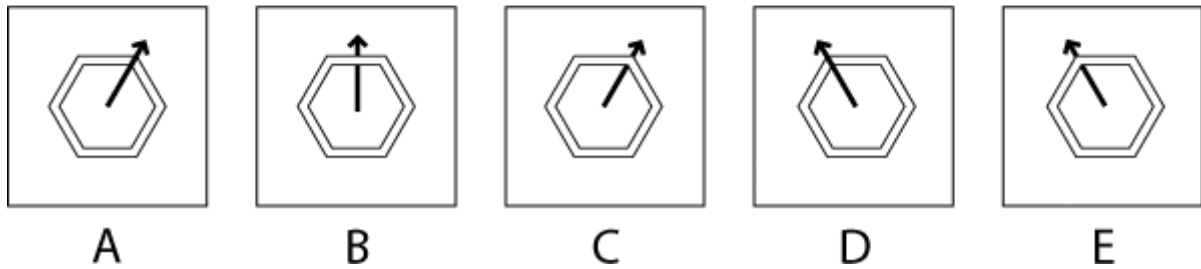
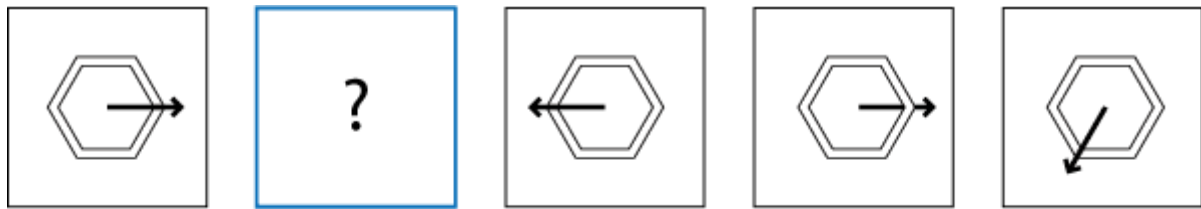
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**

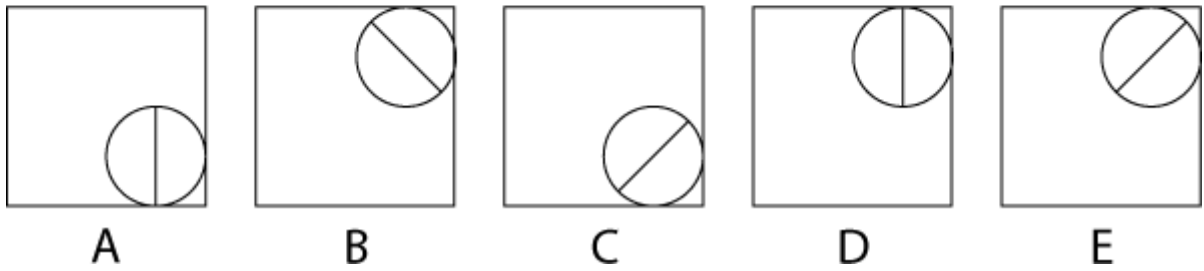
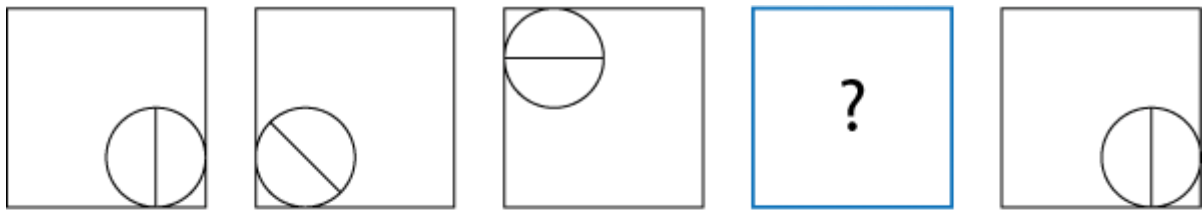


Q1 What replaces the question mark?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The arrow rotates one place counterclockwise to the next corner, then two places, then three places and so on.

Rule 2: The arrow alternates between being behind and in front of the hexagon.

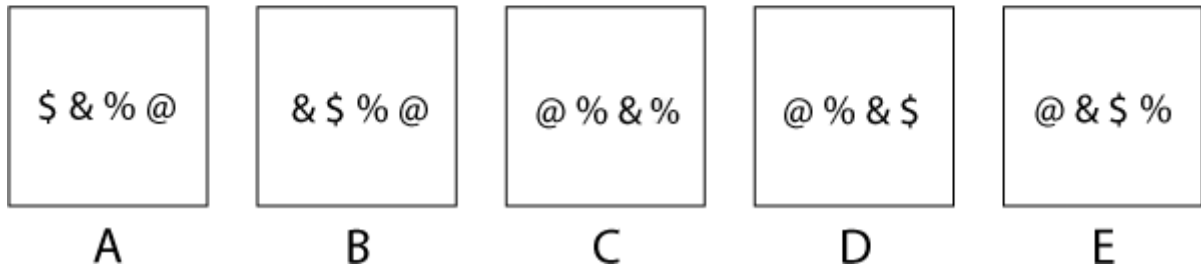
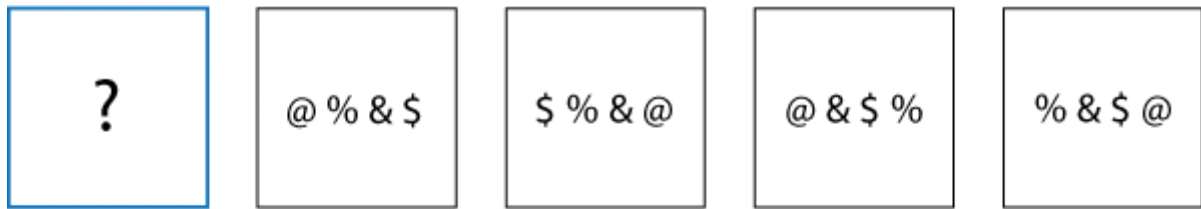


Q2 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The circle moves clockwise to the next corner each time.

Rule 2: The line in the circle rotates 45° counterclockwise each time.

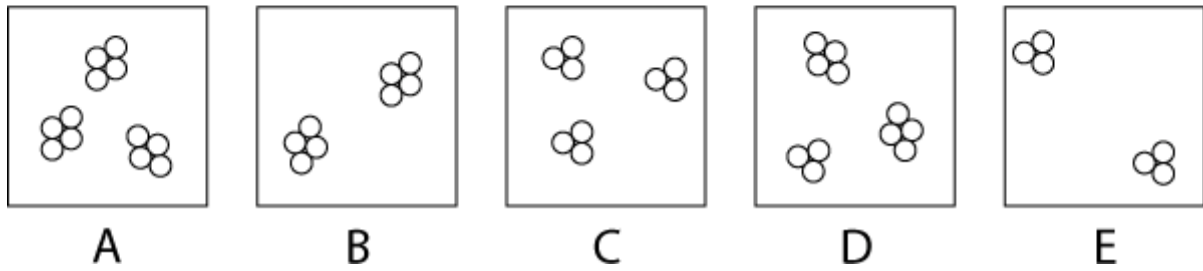


Q3 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The symbols move one place to the right each time.

Rule 2: The fourth symbol on the right becomes the first symbol on the left in the next square.

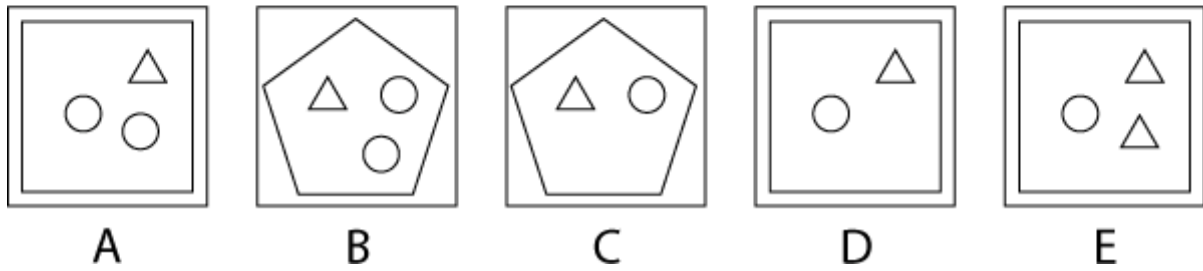


Q4 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The number of circles in each cluster doubles each time.

Rule 2: The total number of clusters decreases by one each time.

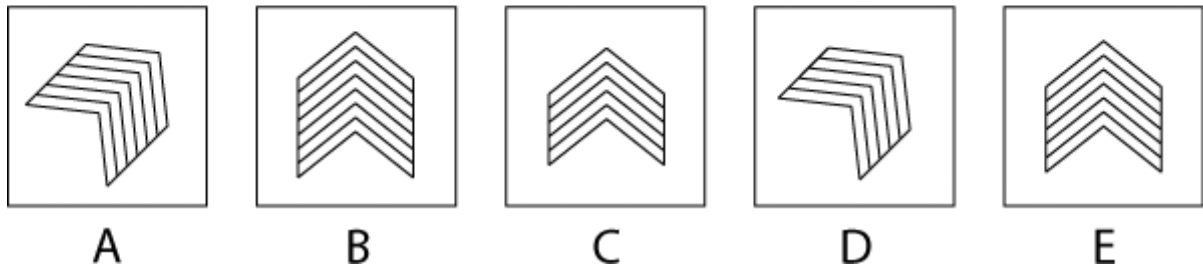


Q5 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The total number of edges on the large outer shape increases by one each time.

Rule 2: The total number of edges on the small inner shapes is equal to the total number of edges on the large outer shape.

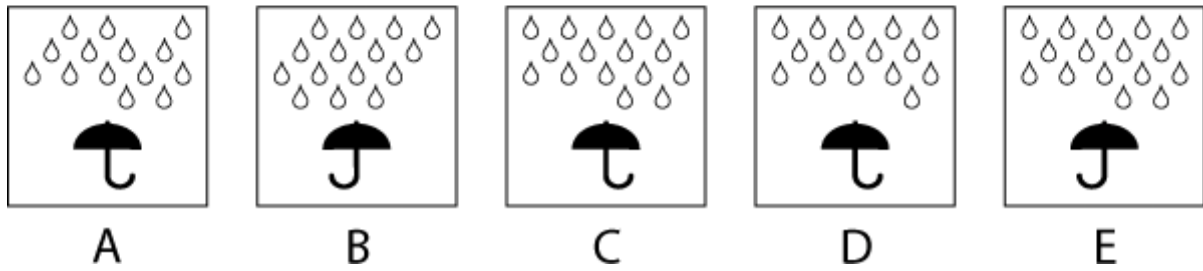


Q6 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The symbol rotates 45° clockwise each time.

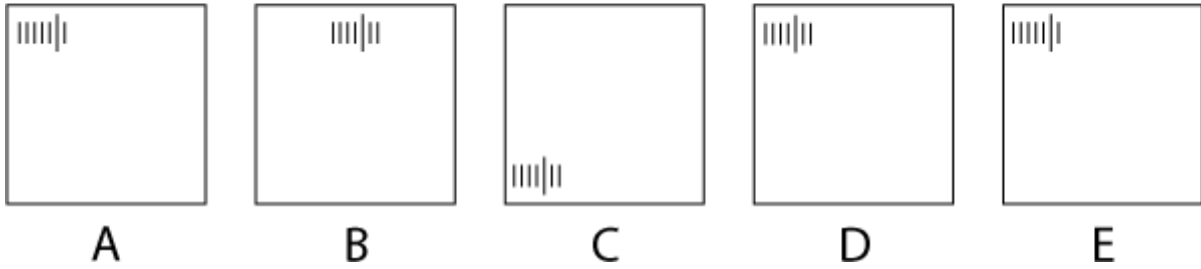
Rule 2: Each time a new arrow is added.



Q7 What replaces the question mark?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The umbrella alternates between pointing left and right.
 Rule 2: Each time the total number of raindrops decreases by two.

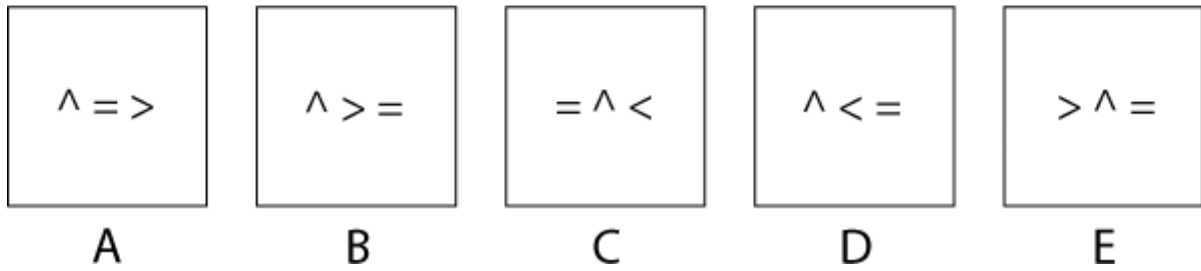
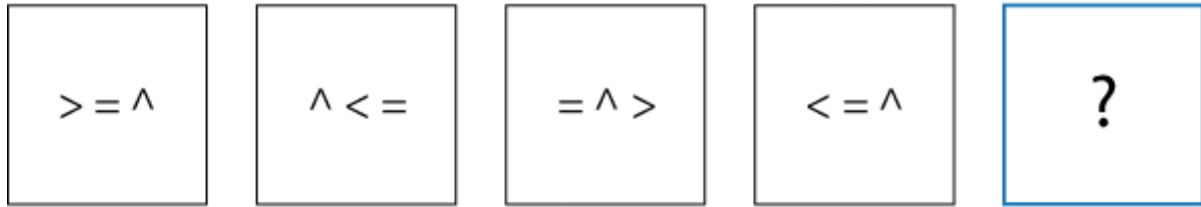


Q8 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The notches move down one place each time, then they begin again on the next column.

Rule 2: The enlarged notch moves one place to the right each time, then once it reaches the end, begins again from the left.

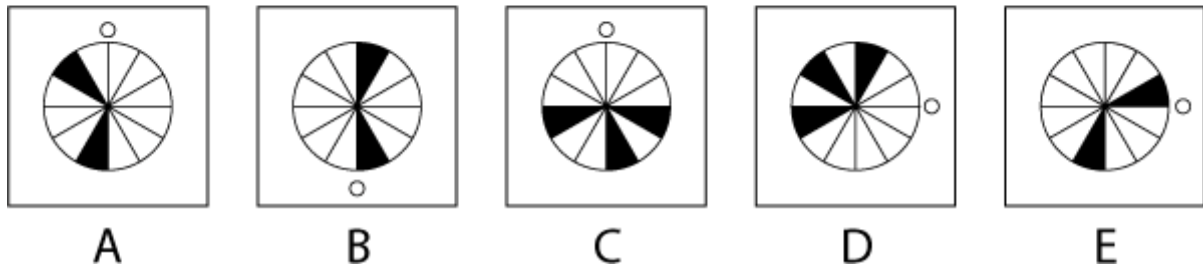
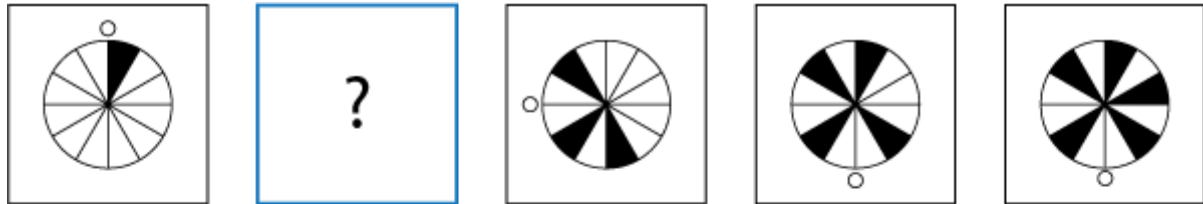


Q9 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The symbols move one place to the right each time.

Rule 2: The horizontal arrow alternates between pointing right (>) and left (<) each time.

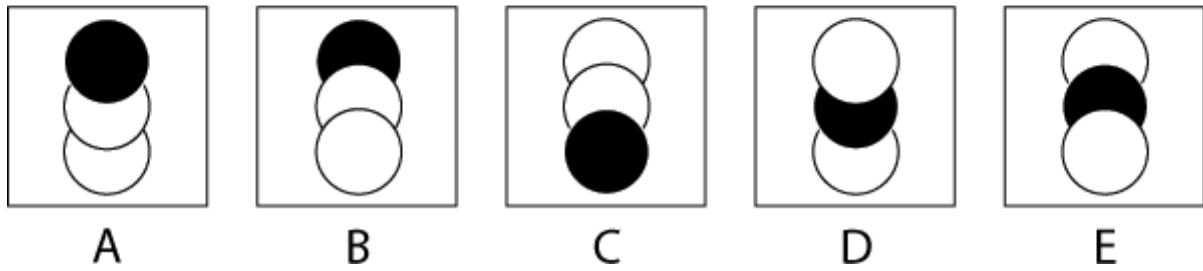
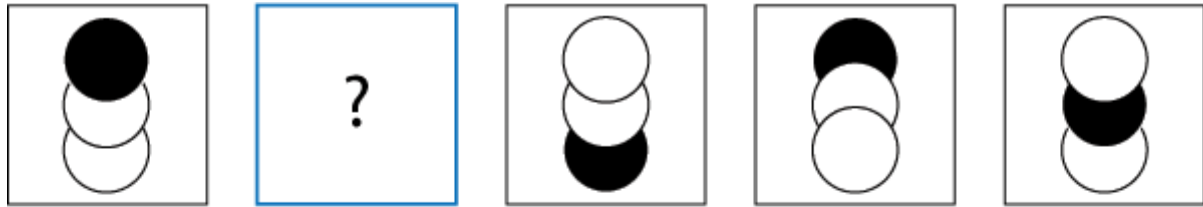


Q10 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The total number of shaded segments increases by one each time.

Rule 2: The small circle moves clockwise one quarter of the way round the large circle, then two quarters, then three quarters and so on.

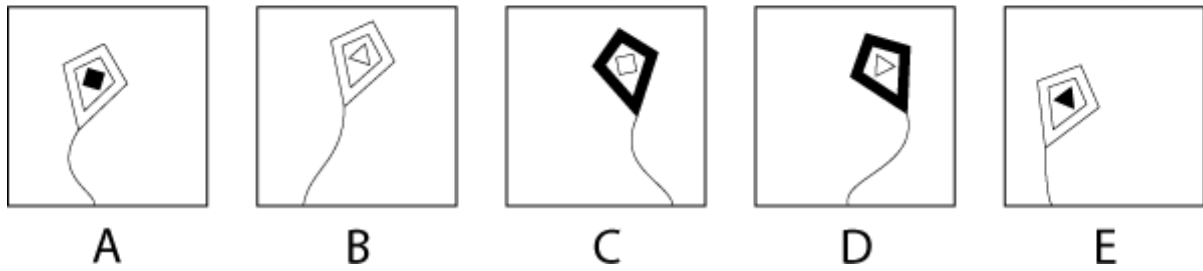
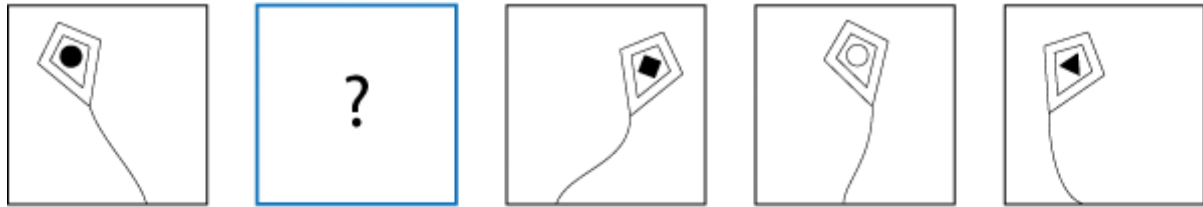


Q11 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The circle alternate between moving from foreground to background and vice versa.

Rule 2: The shaded circle moves down one place each time.



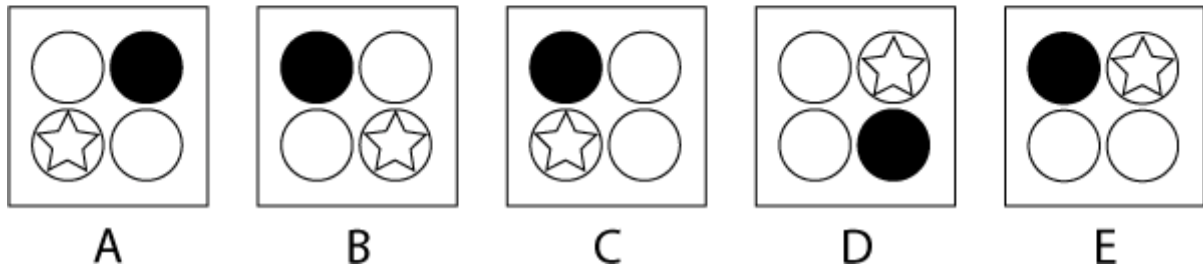
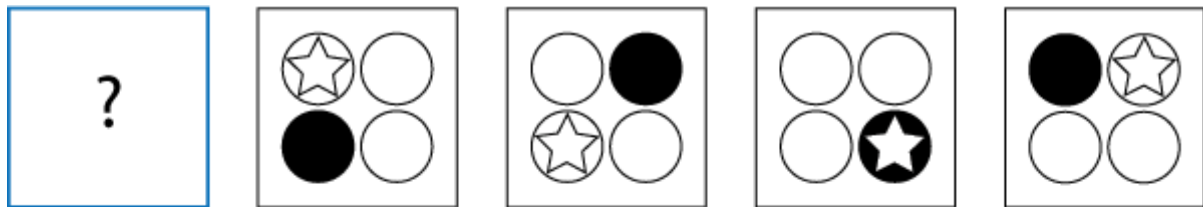
Q12 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shape in the kite alternates between circle, then triangle, then square, in that order. The pattern then repeats.

Rule 2: The shape in the kite alternates between shaded and unshaded.

Rule 3: The kite itself remains unshaded.

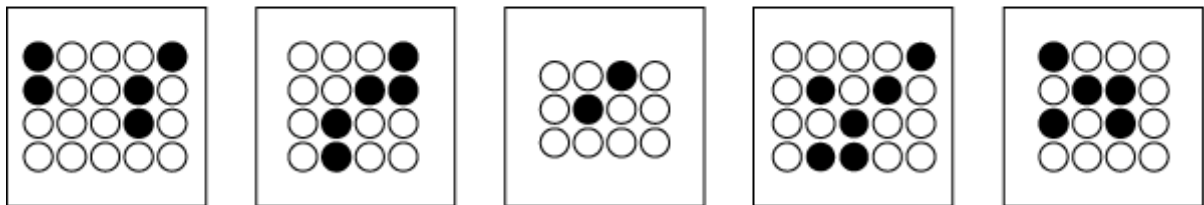
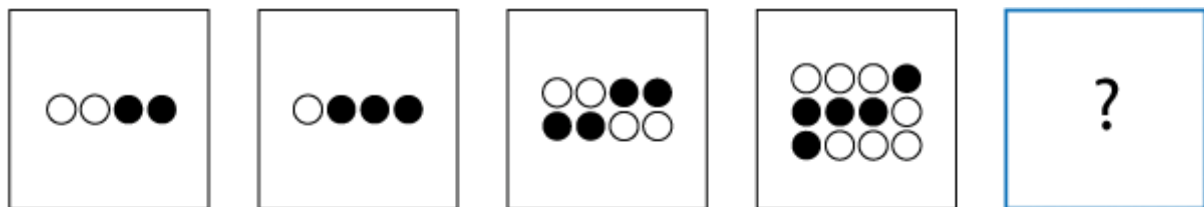


Q13 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The star moves one place anticlockwise each time.

Rule 2: The shaded circle moves down one place each time and then begins again on the next column.



A

B

C

D

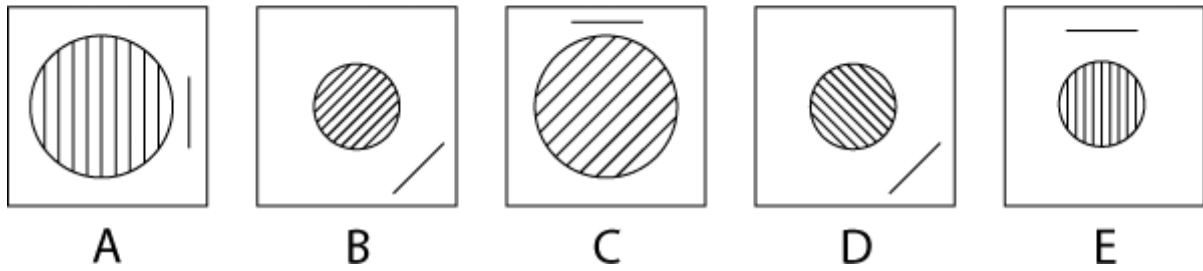
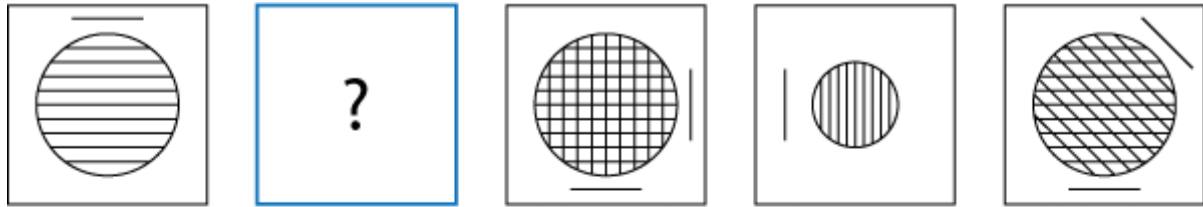
E

Q14 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The total number of circles is equal to the total number of circles in the previous two boxes.

Rule 2: The total number of shaded circles increases by one each time.

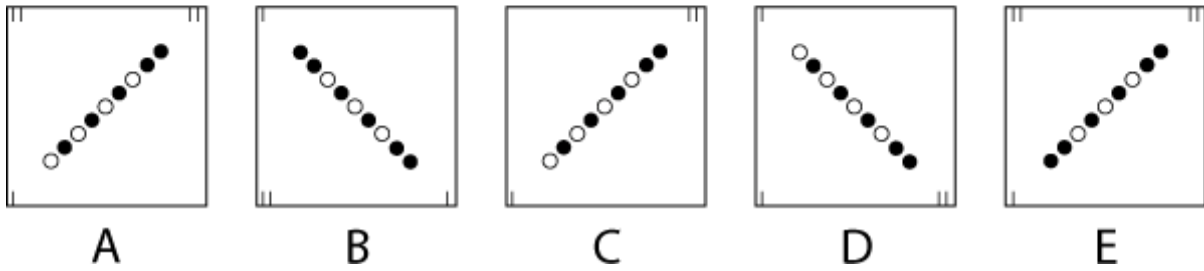
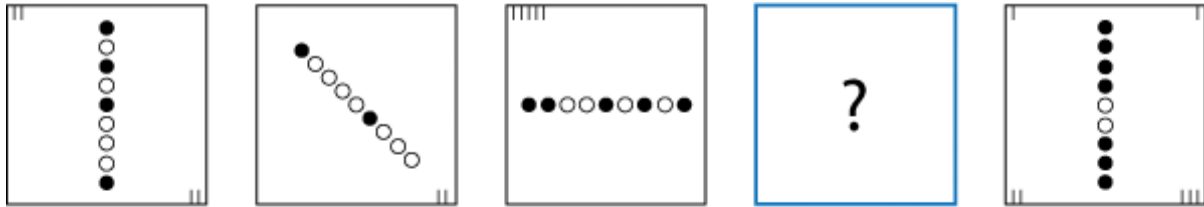


Q15 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The circle alternates between being large and small.

Rule 2: The lines inside the circle run parallel to the line(s) outside of the circle.

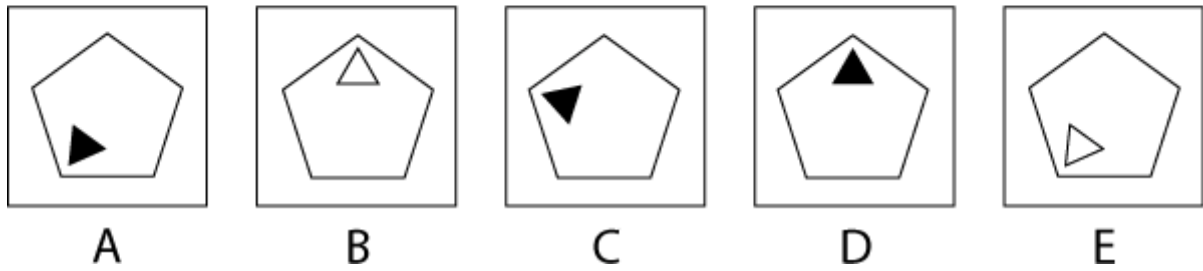
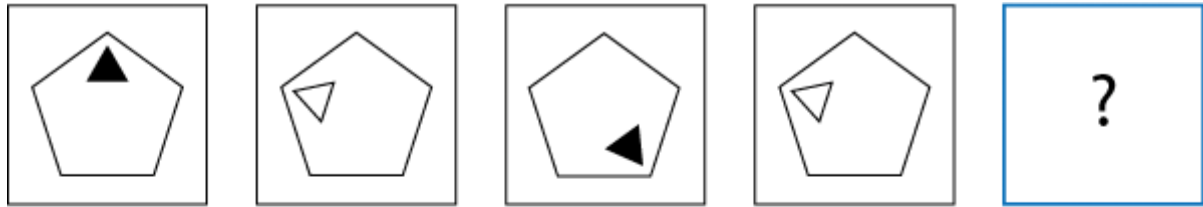


Q16 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The pattern of circles rotates 45° counterclockwise each time.

Rule 2: The total number of shaded circles is always equal to the total number of notches in that box.

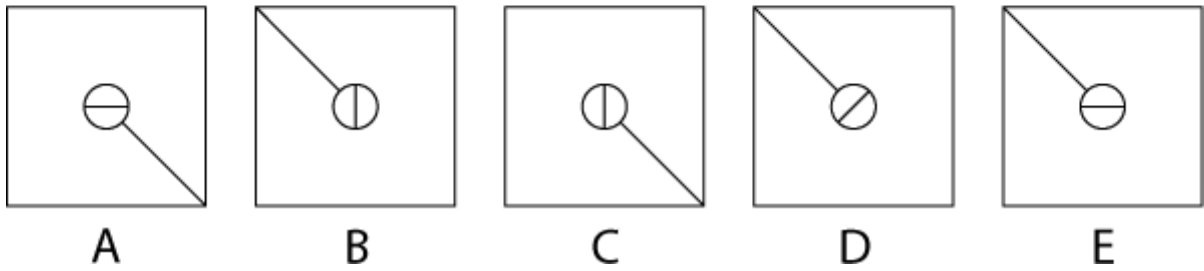
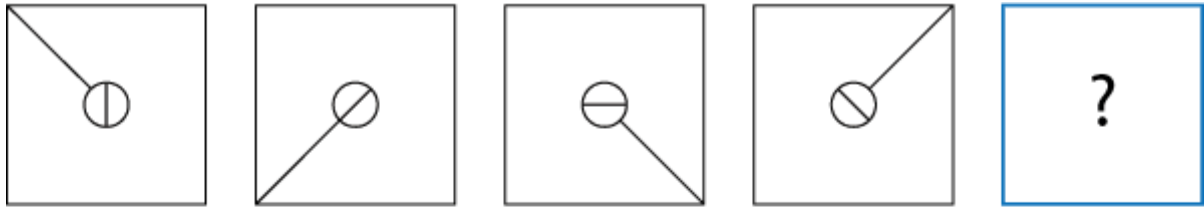


Q17 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The triangle rotates one place counterclockwise, then two places, then three places and so on.

Rule 2: The triangle alternates between shaded and unshaded.

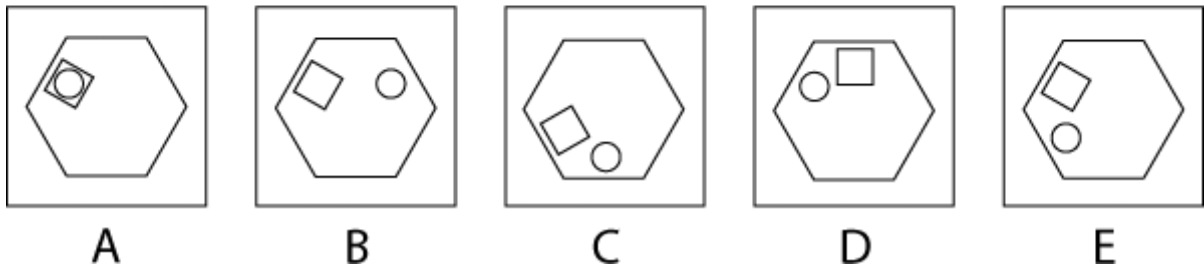
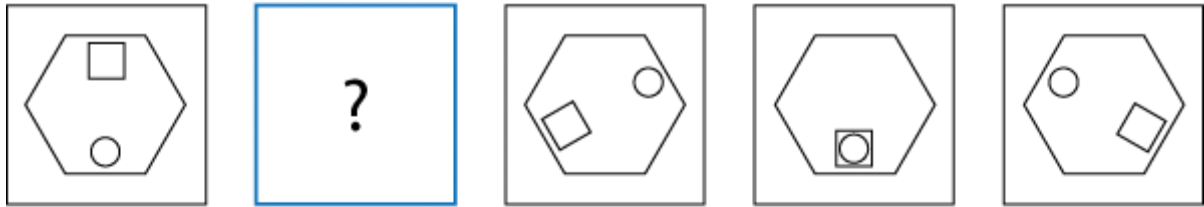


Q18 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The circle rotates 45° clockwise each time.

Rule 2: The large line moves counterclockwise to the next corner each time.



Q19 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The circle moves two places clockwise around the hexagon each time.

Rule 2: The square moves one place counterclockwise around the hexagon each time.



A

B

C

D

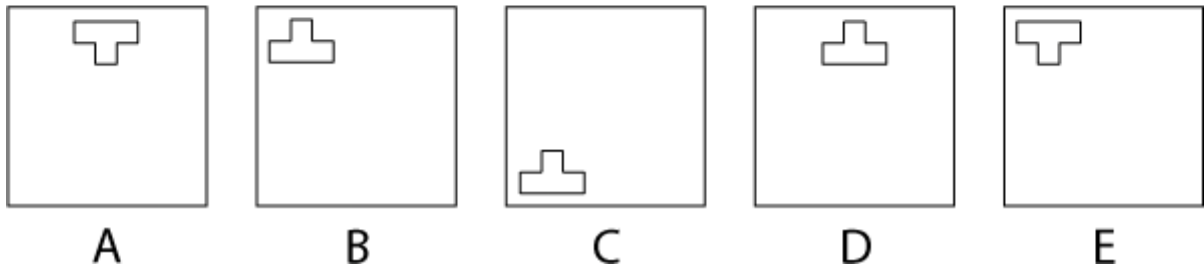
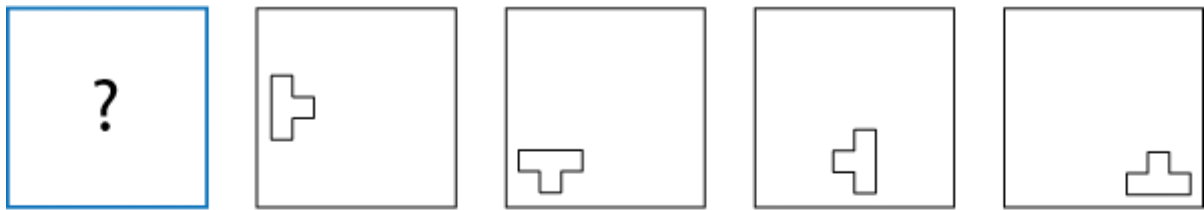
E

Q20 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The jigsaw piece alternates between shaded and unshaded.

Rule 2: The jigsaw piece rotates 90° clockwise each time.

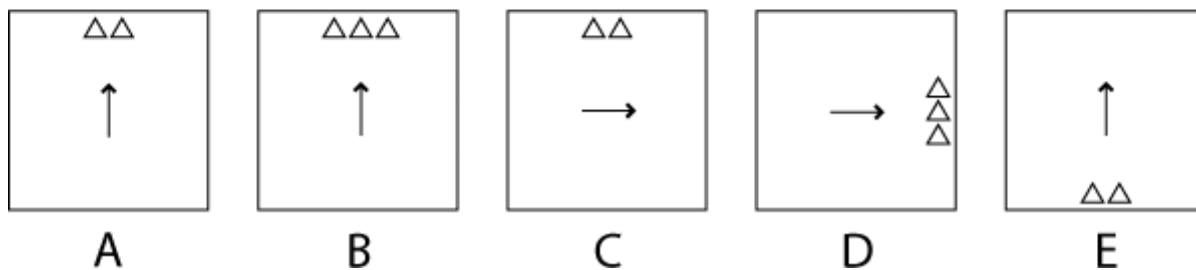
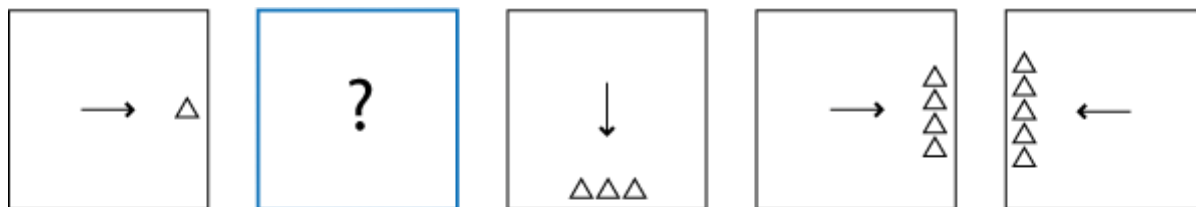


Q21 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shape moves one place counterclockwise around the box.

Rule 2: The symbol rotates 90° clockwise each time.

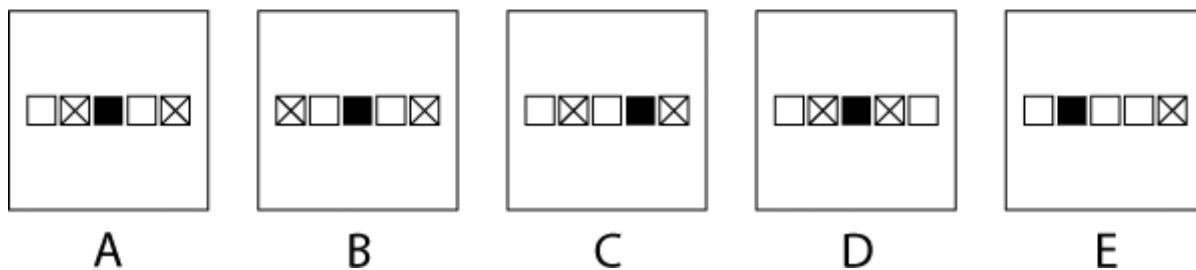
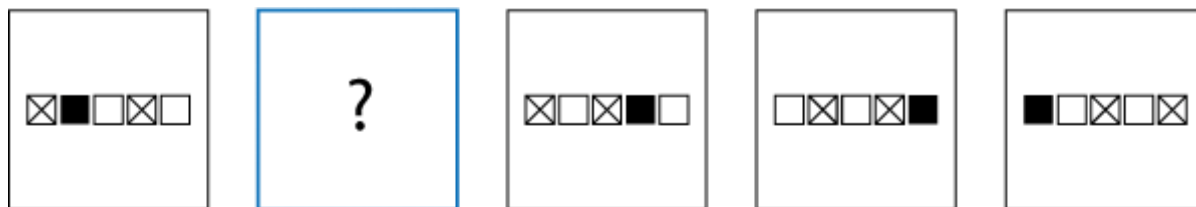


Q22 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of triangles increases by one each time.

Rule 2: The arrow indicates which side of the box the triangles are located.

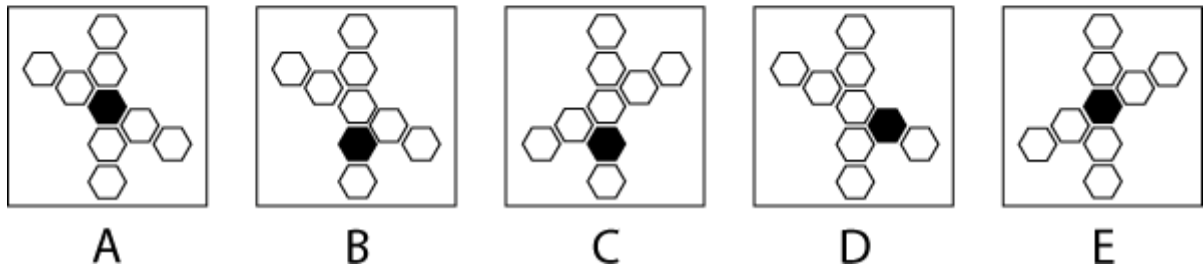
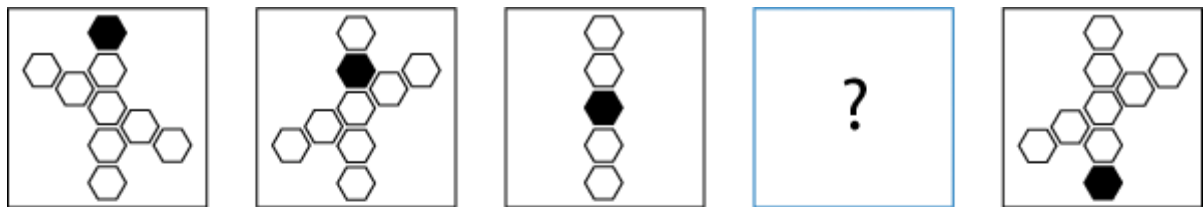


Q23 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The shaded square moves one place to the right each time.

Rule 2: The two crossed squares move one place to the right each time.

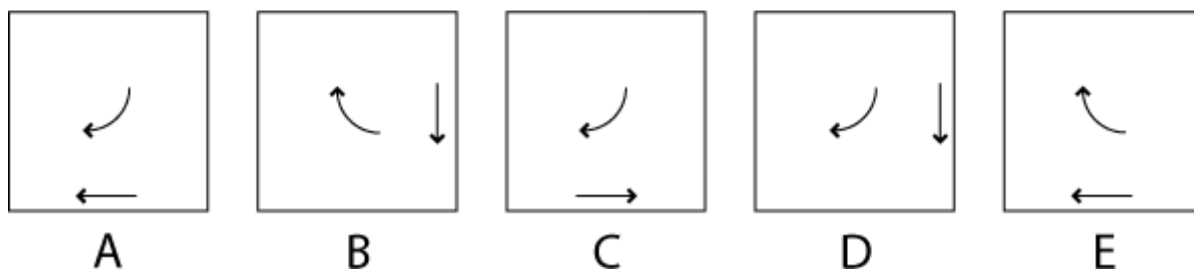
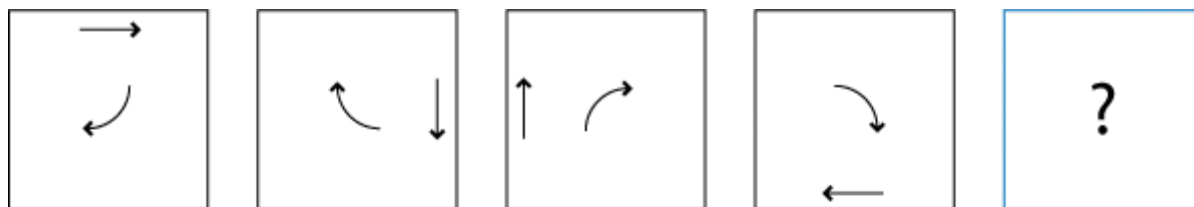


Q24 What replaces the question mark?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The angled row of hexagons rotates one place counterclockwise around the vertical row of hexagons each time.

Rule 2: The shaded hexagon moves down one place each time.

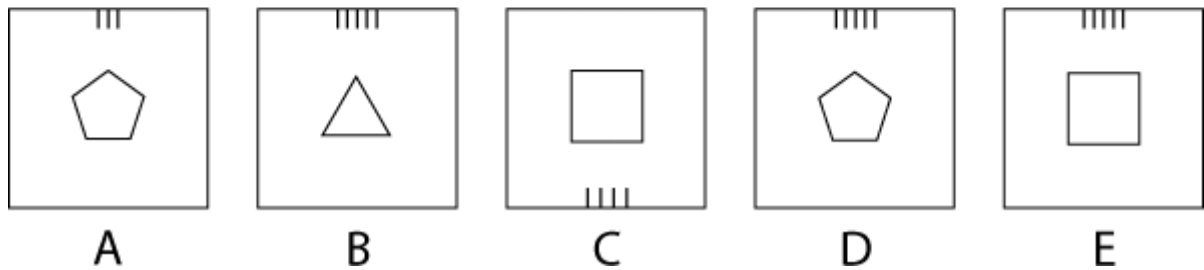


Q25 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The central arrow rotates 90° clockwise each time.

Rule 2: The straight arrow moves one place, then two places, then three places clockwise and so on around the box.

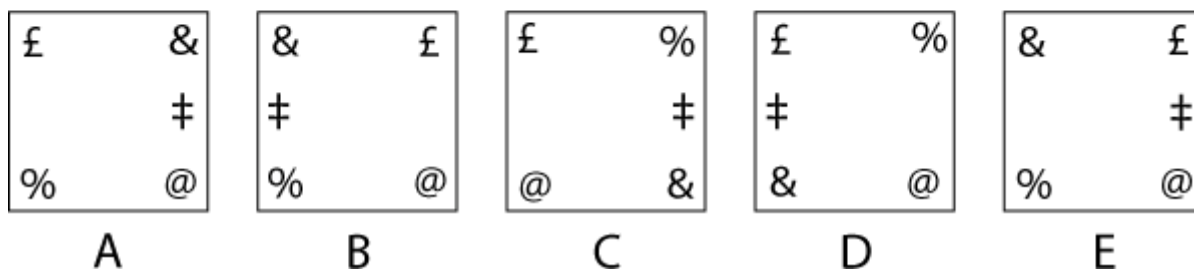
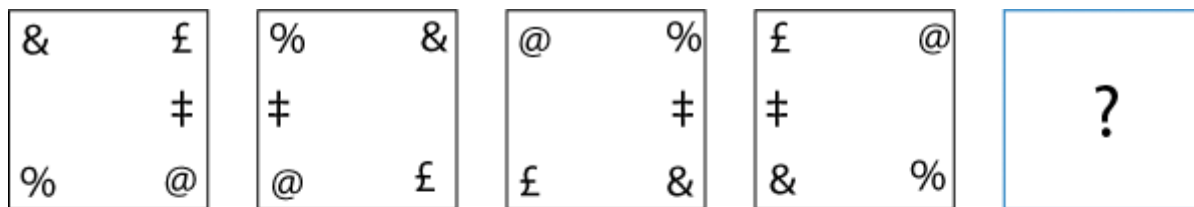


Q26 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The notches alternate between being at the top and the bottom of the box.

Rule 2: The total number of notches is equal to the total number of edges on the shape in that box.

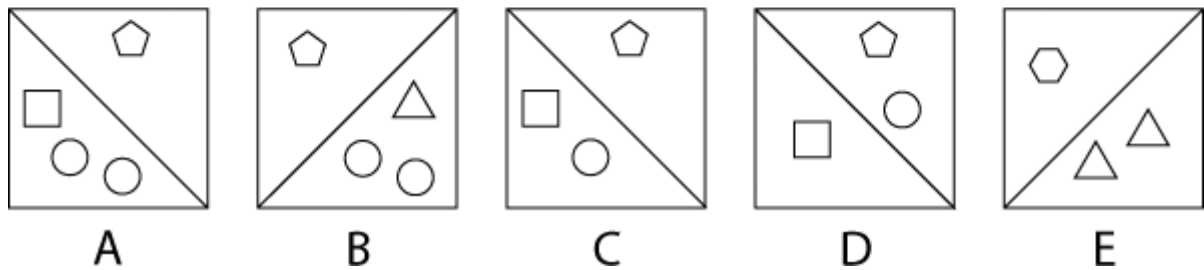
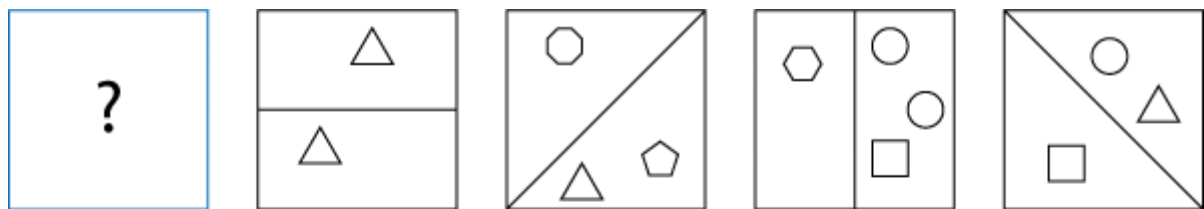


Q27 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The '‡' symbol alternates between the right hand and left hand side of the box.

Rule 2: The other shapes moves one place clockwise to the next corner each time.

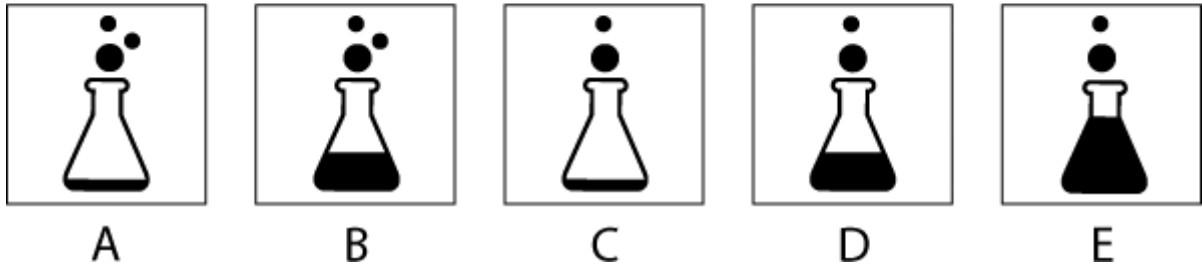


Q28 What replaces the question mark?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The line in the box rotates 45° counterclockwise each time.

Rule 2: The total number of edges on the shapes in each half of the box is the same.

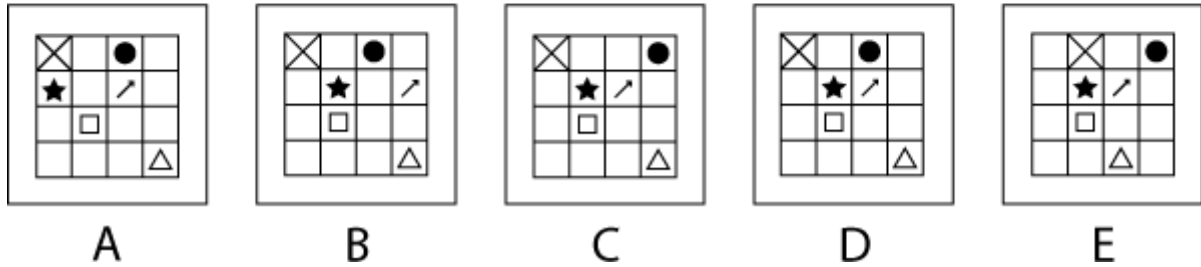
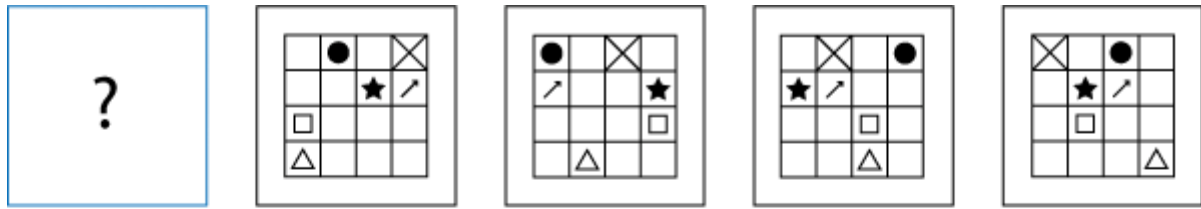


Q29 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The flask goes from empty to half full to full, and then the pattern repeats.

Rule 2: The total number of bubble alternates between two and three.



Q30 What replaces the question mark?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: Each shape in the first and third rows moves one place to the left each time.

Rule 2: Each shape in the second and fourth rows moves one place to the right each time.

-- End of Test --

ABSTRACT REASONING TEST 6

Instructions

This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

E

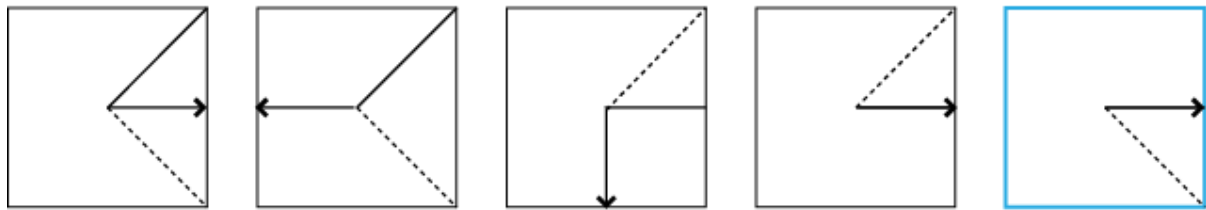
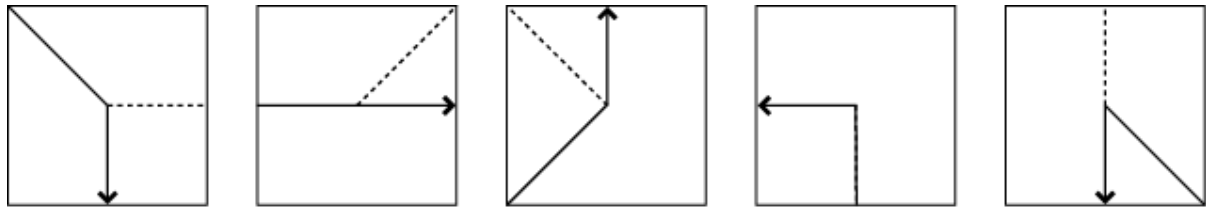
Q1 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shapes on the top row follow the order: circle, circle, square, square and then repeats.

Rule 2: The shapes on the top row move one place to the right each time.

Rule 3: The shapes on the bottom row alternate between circle and square.



A

B

C

D

E

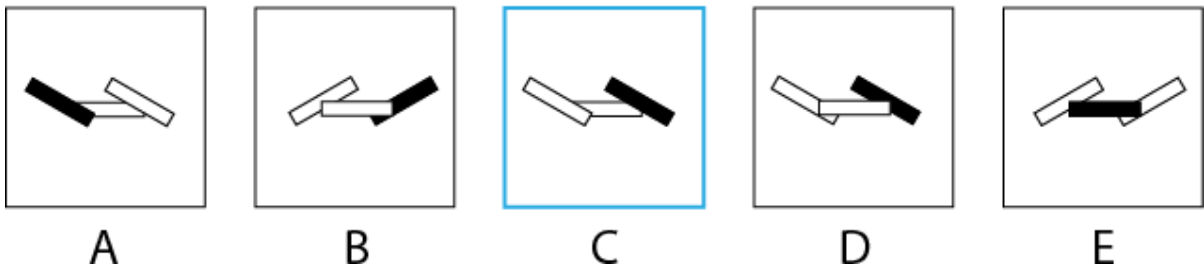
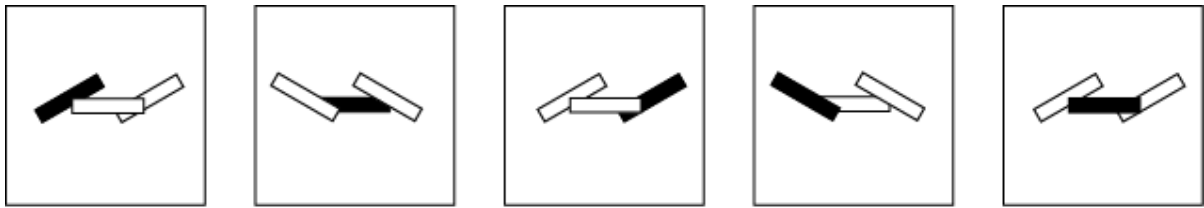
Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The solid line moves one place counterclockwise each time.

Rule 2: The arrow line moves two places counterclockwise each time.

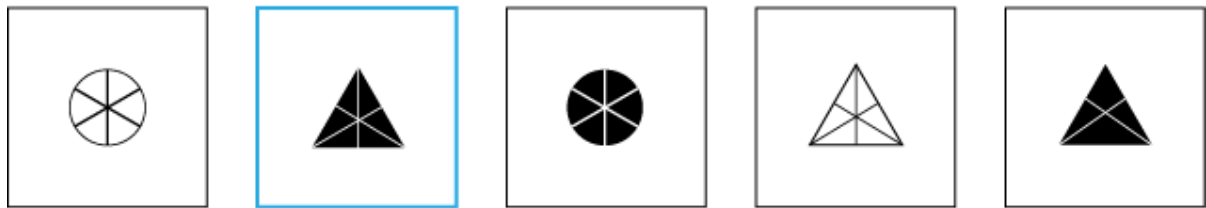
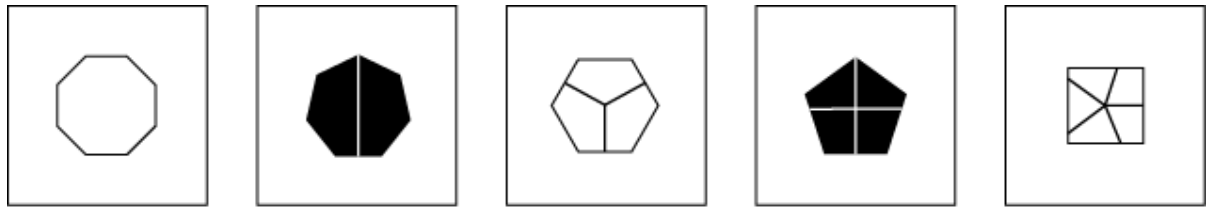
Rule 3: The dotted line moves counterclockwise one place, then two places, then 3 places and so on.



Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The left and right hand rectangles alternate between pointing NE-SW and NW-SE each time.
 Rule 2: The middle rectangle alternates between the foreground and the background.
 Rule 3: The shaded block moves one place to the right each time.



A

B

C

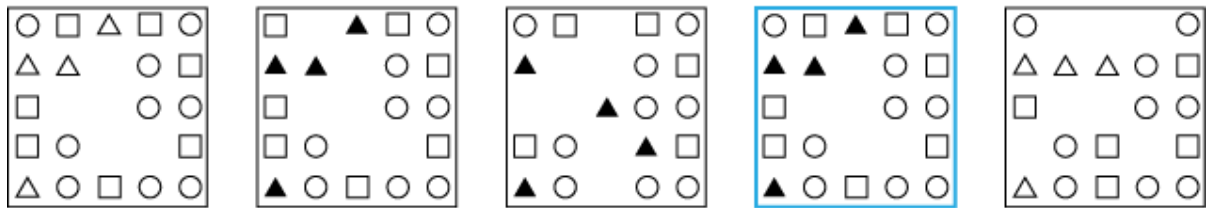
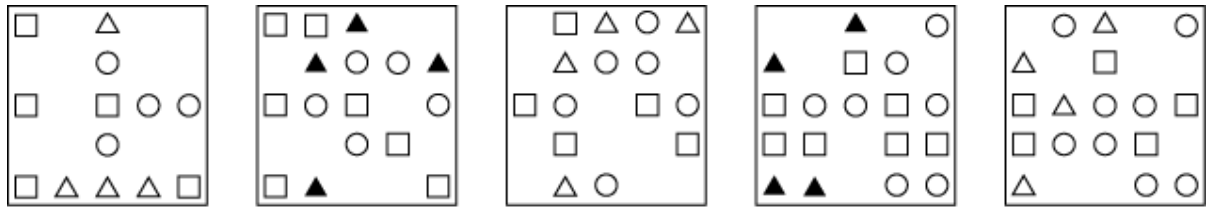
D

E

Q4 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The total number of edges on the shape decreases by one each time.
 Rule 2: The total number of segments in each shape increases by one each time.
 Rule 3: The shape alternates between shaded and unshaded.



A

B

C

D

E

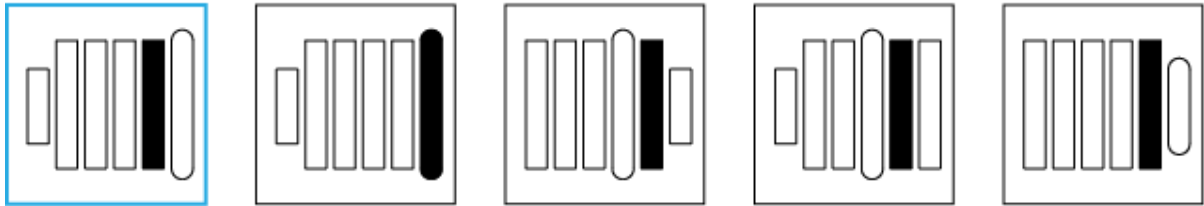
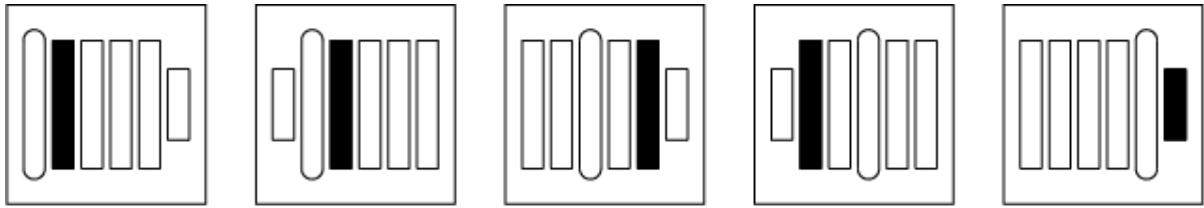
Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The total number of circles increases by one each time.

Rule 2: The triangles alternate between shaded and unshaded.

Rule 3: The total number of squares alternates between 5 and 7.



A

B

C

D

E

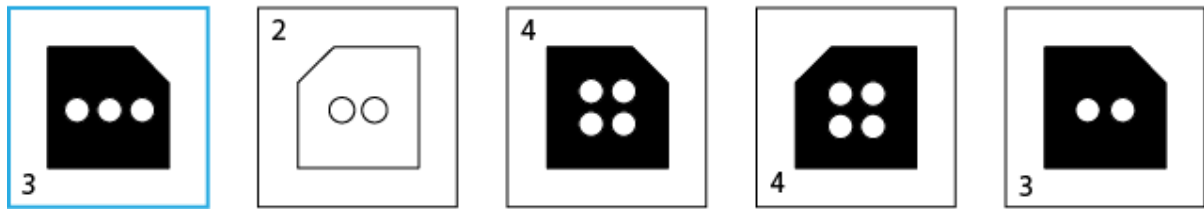
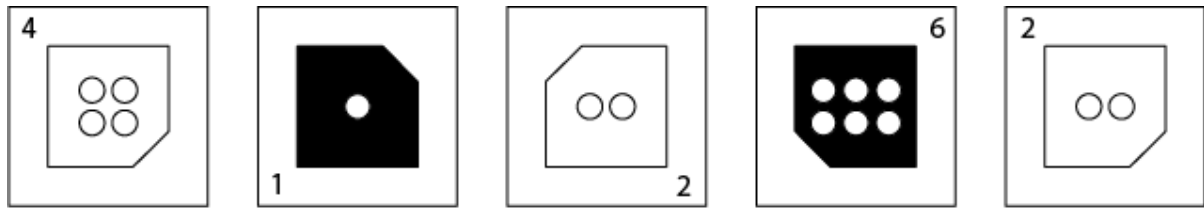
Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The shaded bar moves one place to the right, then two places, then three places and so on.

Rule 2: The rounded corners move one place to the right each time.

Rule 3: The shortened bar alternates between the left and right hand side.



A

B

C

D

E

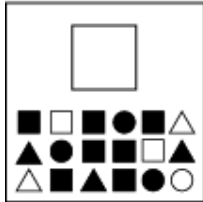
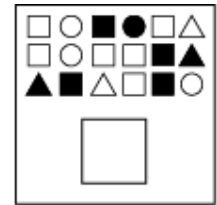
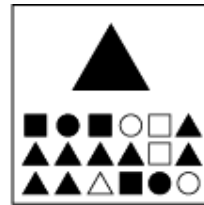
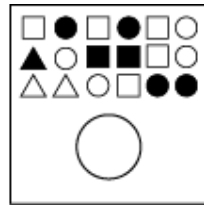
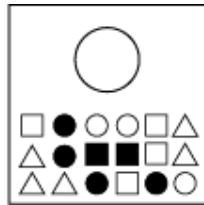
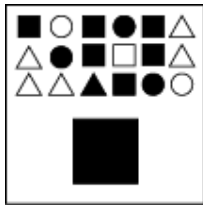
Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

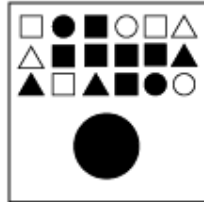
Rule 1: The missing edge of the square moves one place counterclockwise each time.

Rule 2: The number moves one place counterclockwise each time, and indicate how many circles are in the square.

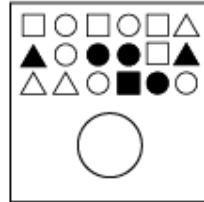
Rule 3: The square alternates between shaded and unshaded.



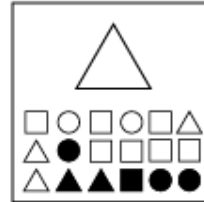
A



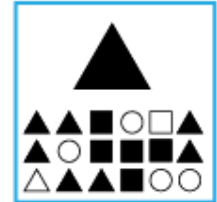
B



C



D



E

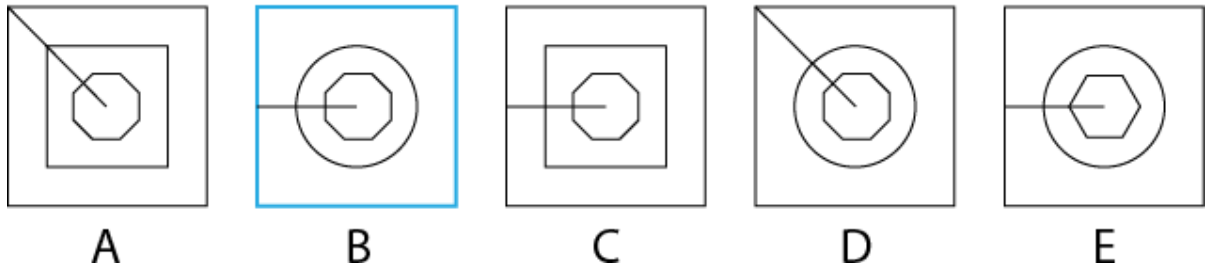
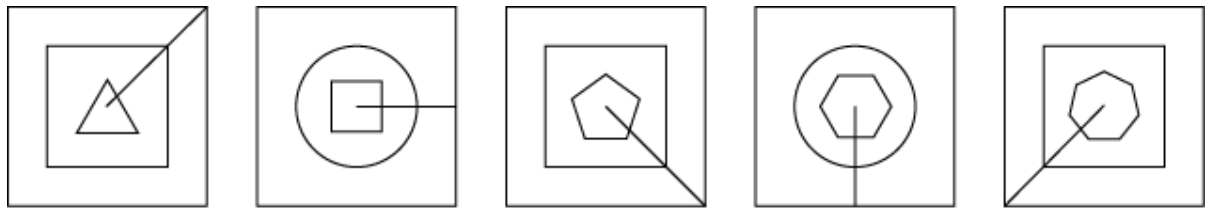
Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The large shape alternates between being at the top and the bottom of the box.

Rule 2: The large shape is the same as which ever small shape is the most frequent.

Rule 3: If more small shapes are shaded than unshaded, then the large shape is also shaded, and vice versa.



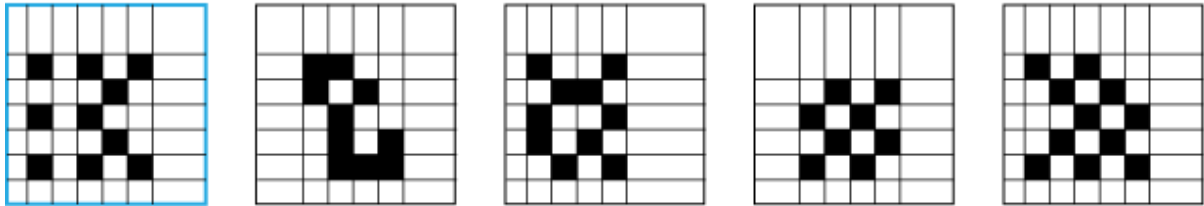
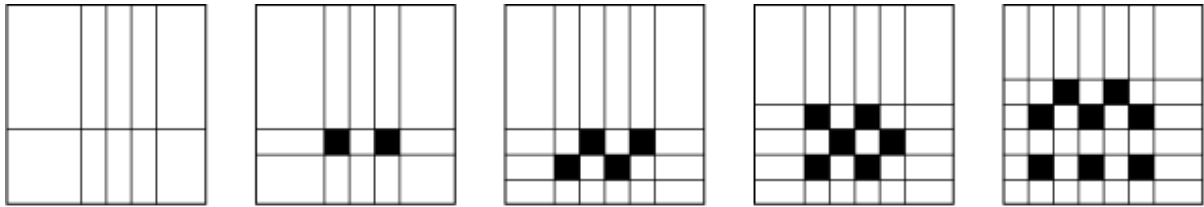
Q9 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The large shape alternates between circle and square.

Rule 2: The total number of edges on the the small shape increases by one each time.

Rule 3: The line rotates one place clockwise each time.



A

B

C

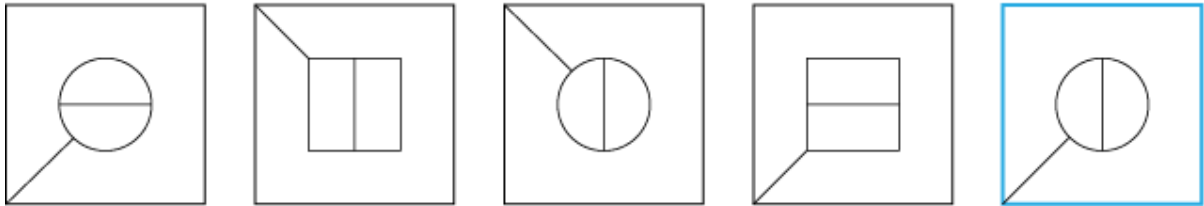
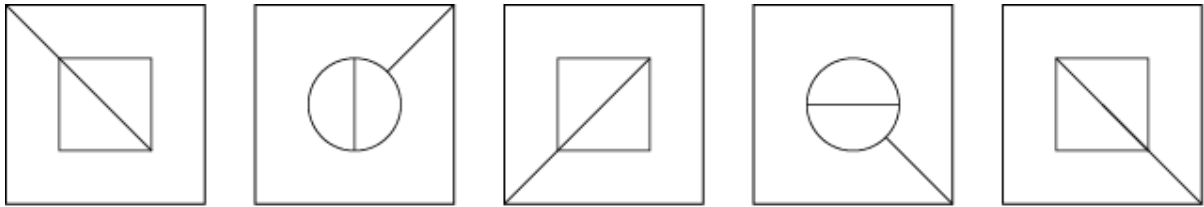
D

E

Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of vertical lines increases by one every two boxes.
 Rule 2: The total number of horizontal lines increases by one each time.
 Rule 3: The total number of shaded boxes increases by two each time.



A

B

C

D

E

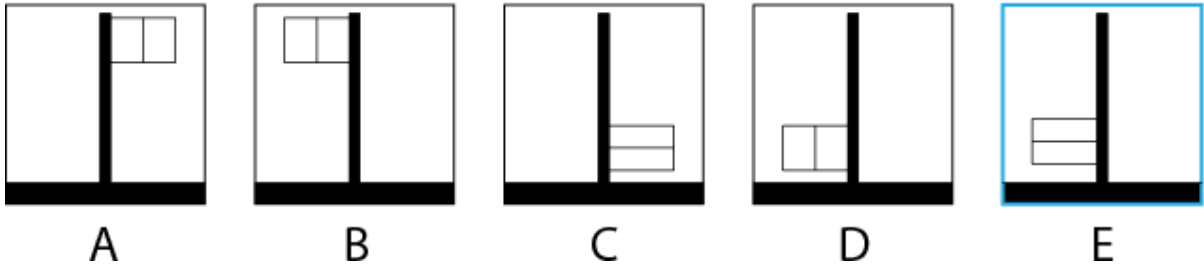
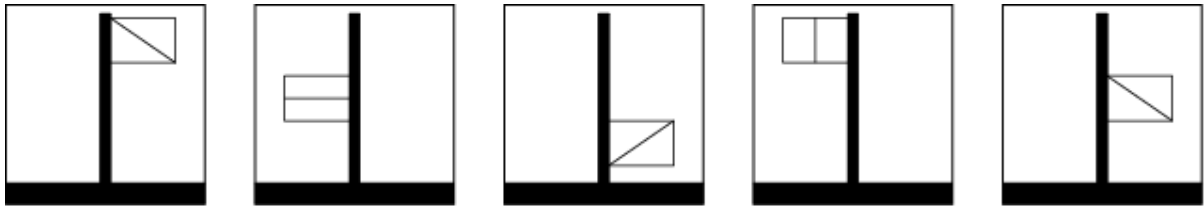
Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The shape alternates between a circle and square.

Rule 2: The line outside of the shape moves clockwise one place to the next corner, then two places, then three places and so on.

Rule 3: The line inside the shape rotates 45° clockwise each time.



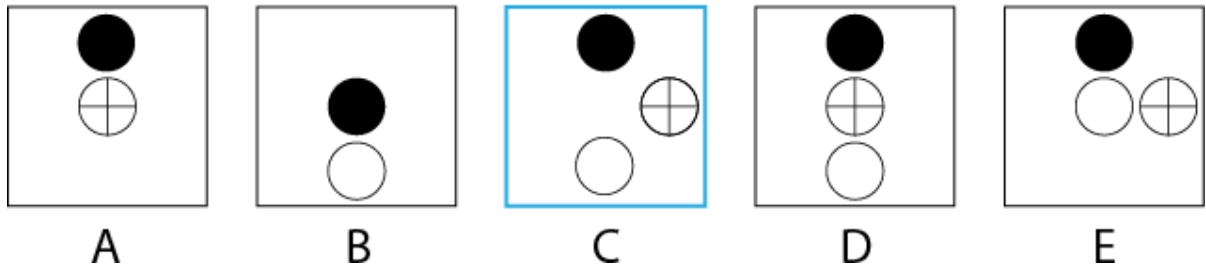
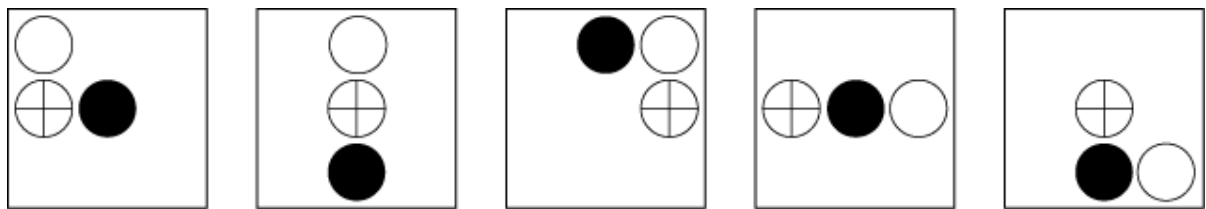
Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The flag moves down one place each time, and then begins again from the top.

Rule 2: The flag alternates between pointing left and right.

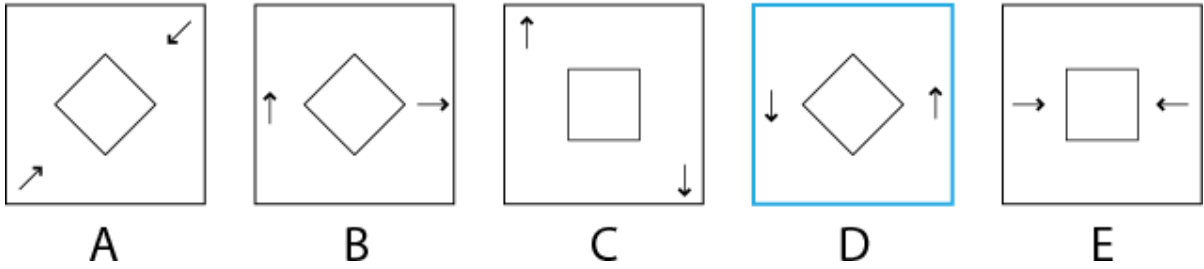
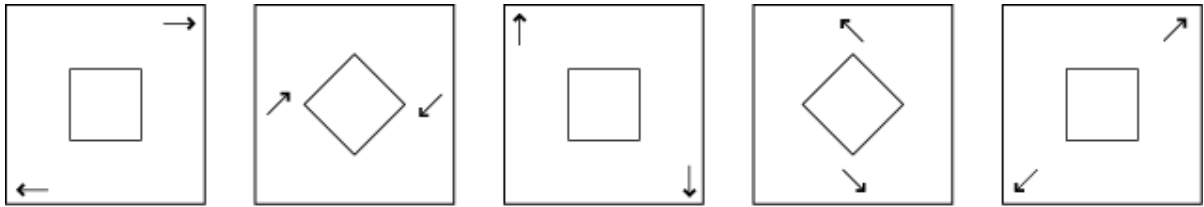
Rule 3: The line in the flag rotates 45° counterclockwise each time.



Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The shaded circle moves down one place each time, and then begins again from the top.
 Rule 2: The crossed circle moves one place to the right each time and then begins again from the left.
 Rule 3: The blank circle moves one place clockwise each time.



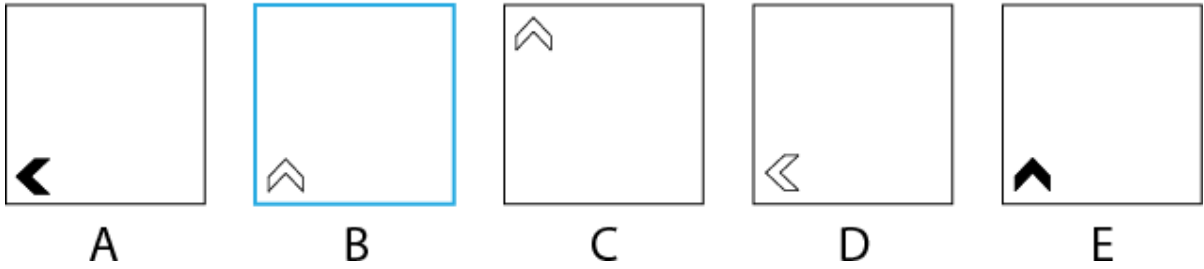
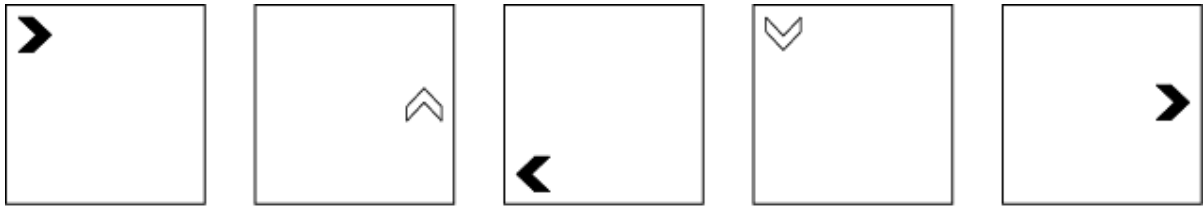
Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The square rotates 45° each time.

Rule 2: Both arrows move one place clockwise around the box each time.

Rule 3: The arrows always point in opposite directions.



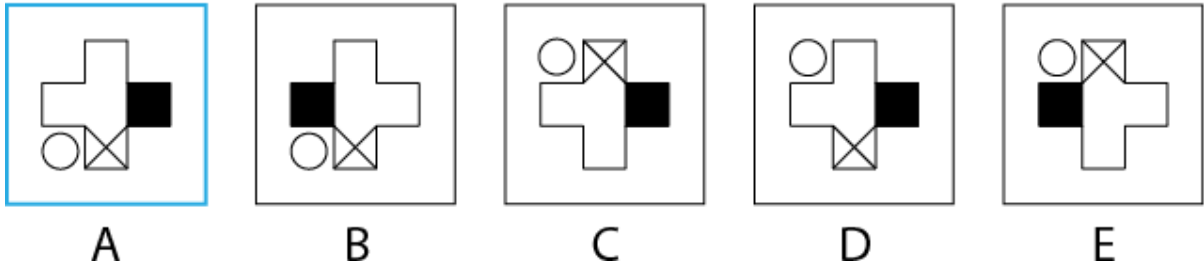
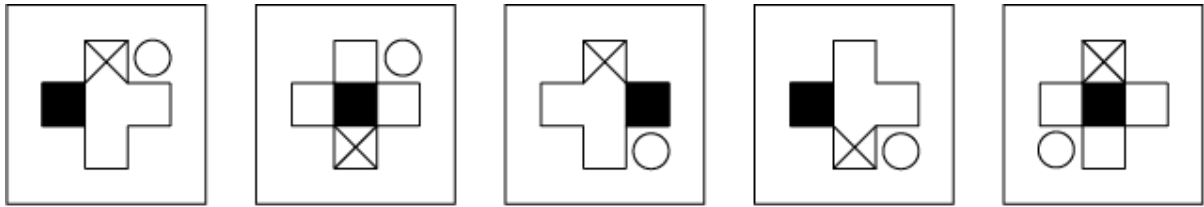
Q15 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The shape rotates 90° counterclockwise each time.

Rule 2: The shape alternates between shaded and unshaded.

Rule 3: The shape moves from top left, to middle right, to bottom left and then repeats.



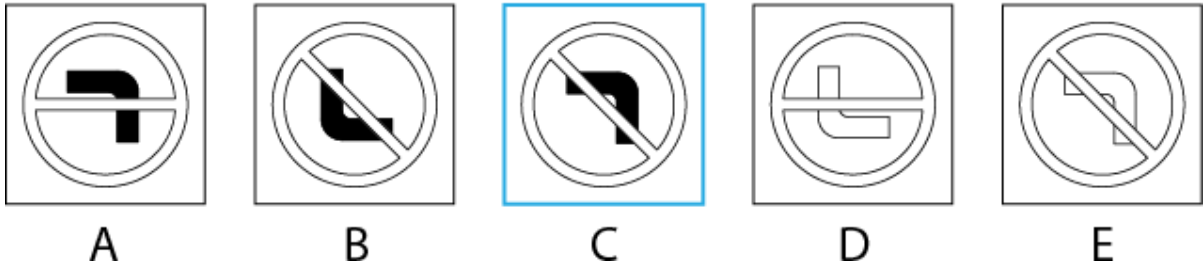
Q16 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The shaded block moves one place to the right each time and then begins again from the left.

Rule 2: The cross alternates between the top and bottom of the shape.

Rule 3: The circle moves one place clockwise every two boxes.



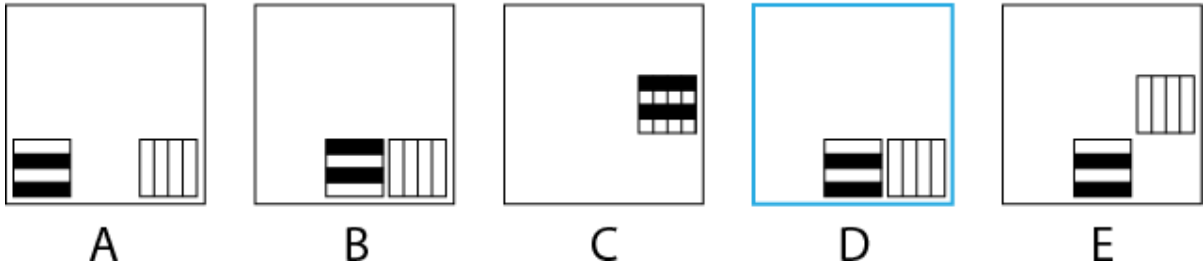
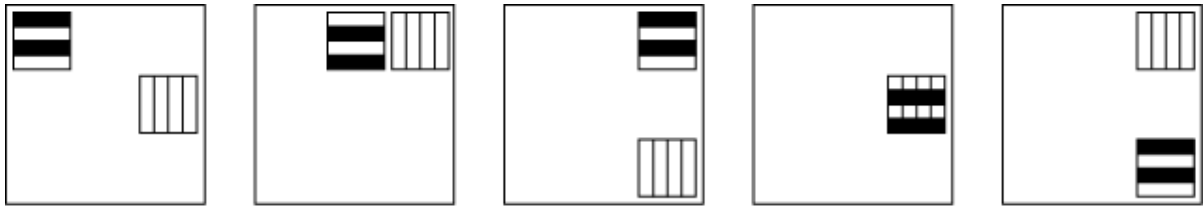
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The outer circle rotates 45° counterclockwise each time.

Rule 2: The shape inside the circle rotates 90° counterclockwise each time.

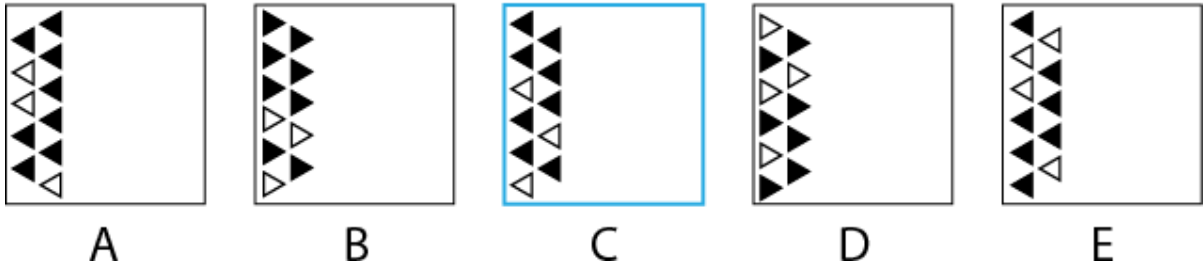
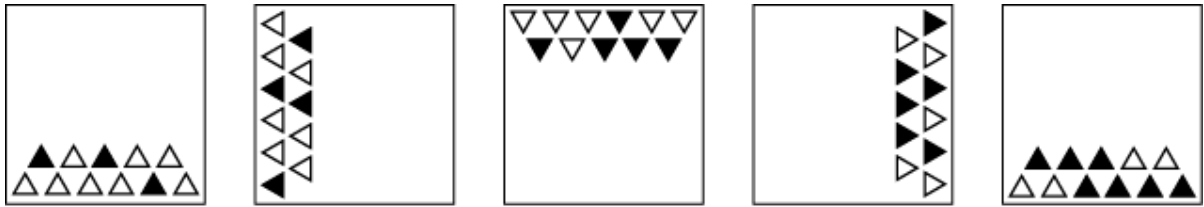
Rule 3: The shape inside the circle alternates between shaded and unshaded.



Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The horizontally barred square moves one place clockwise around the box each time.
 Rule 2: The bars on the horizontally barred square alternate between shaded and unshaded.
 Rule 3: The vertically barred square moves up one place each time, then begins again from the bottom.



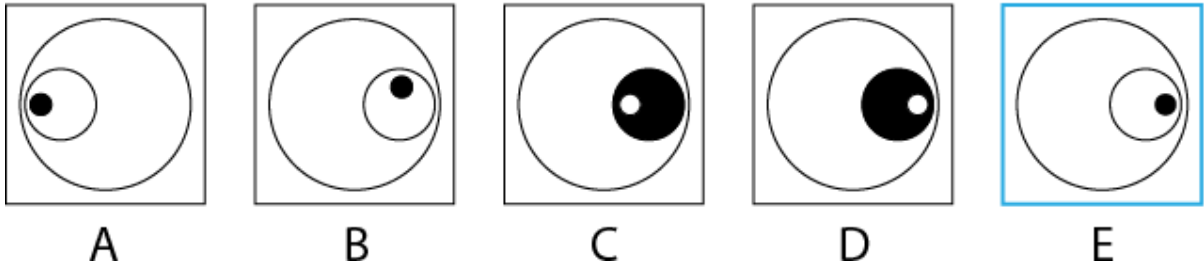
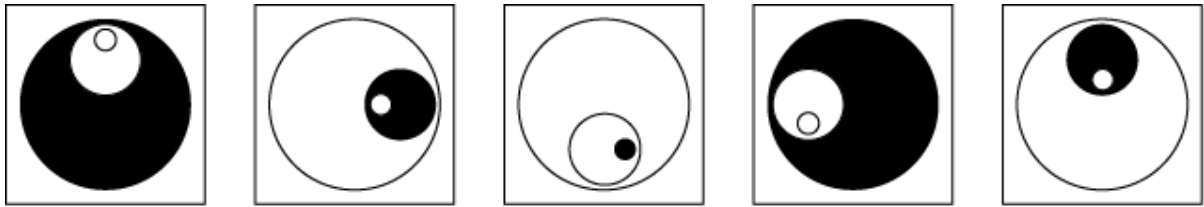
Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The rows of triangles move clockwise to the next edge of the box each time. The row of six triangles is always closest to the edge.

Rule 2: The triangles alternate between pointing to the centre of the box, and pointing away from the box.

Rule 3: The total number of shaded triangles increases by one each time.



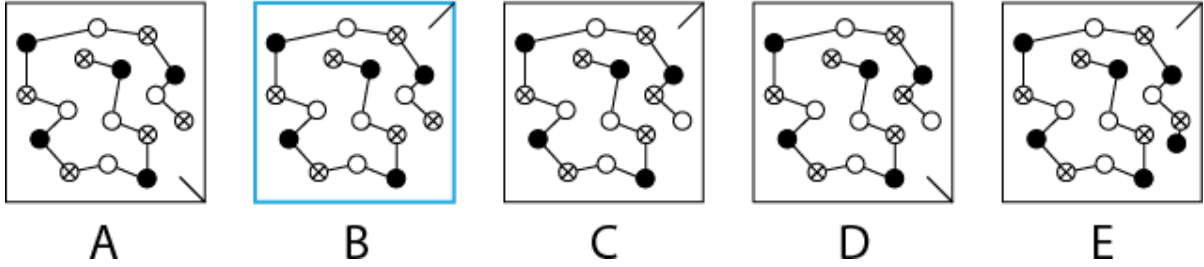
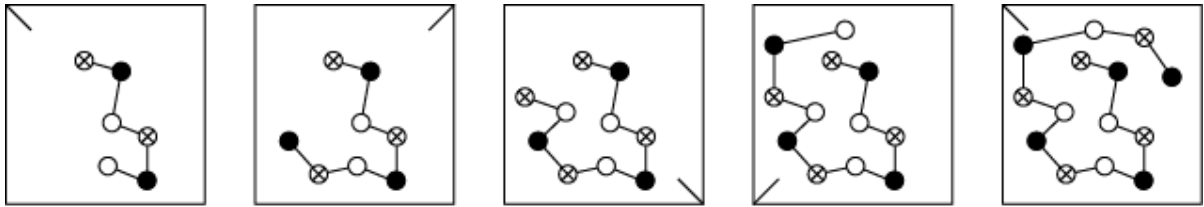
Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The small circle rotates counterclockwise one place, then two places, then three places and so on.

Rule 2: The middle circle moves one place clockwise around the large circle.

Rule 3: The shading alternates between the large, middle and small circle, in that order, and then repeats.



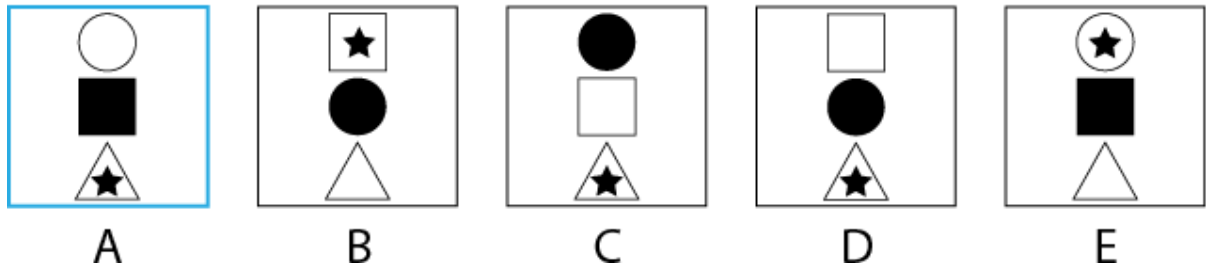
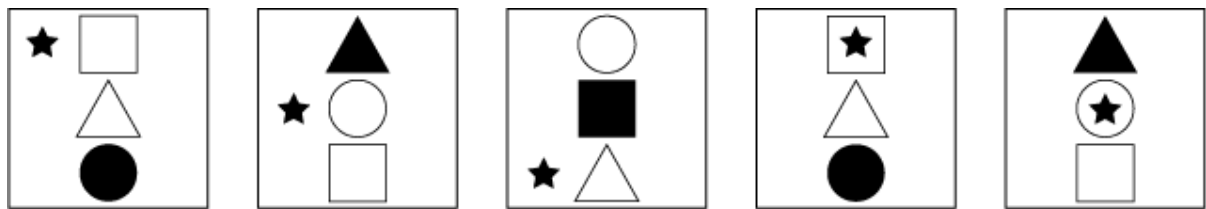
Q21 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: Two new circles are added to the chain each time.

Rule 2: The circles go in the sequence: crossed circle, unshaded circle, shaded circle, and then repeat.

Rule 3: The notch in the corner of the box moves one place clockwise each time.



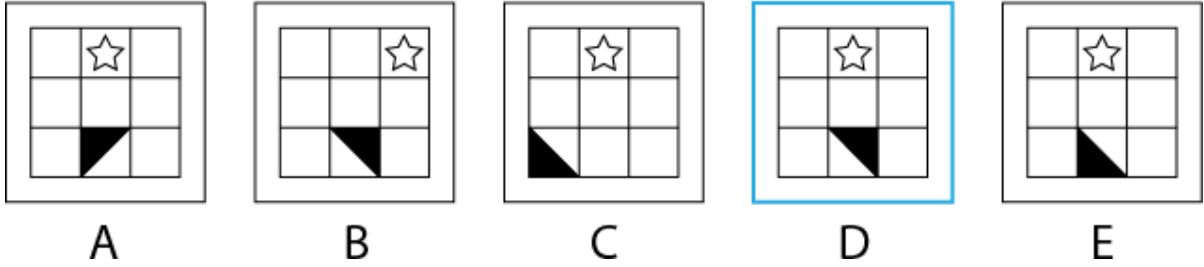
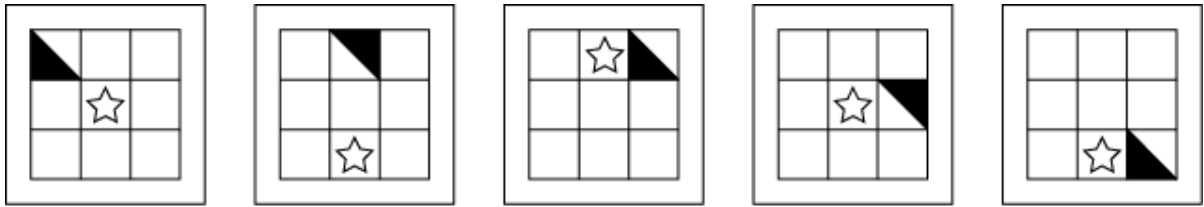
Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: Each shape(exc. the star) moves up one place each time.

Rule 2: The star moves down one place each time, then begins again in the next column.

Rule 3: The shaded shape moves down one place each time then begins again from the top.



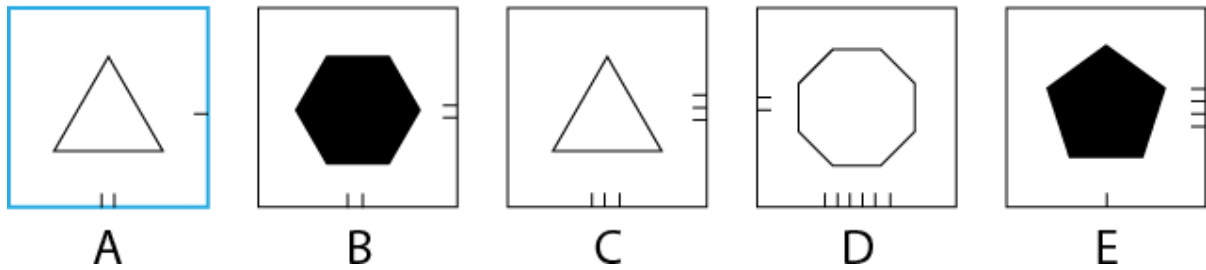
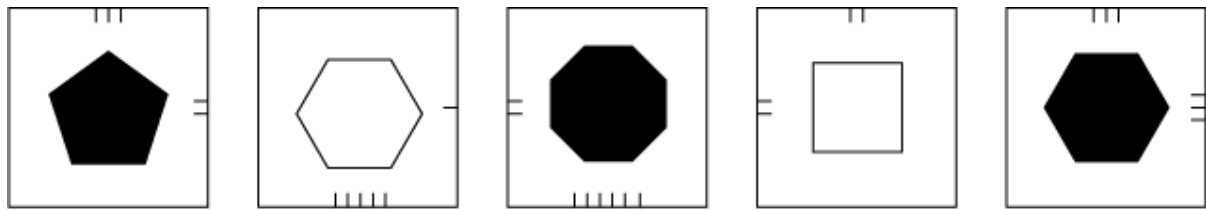
Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The star moves down one place each time, then begins again from the top.

Rule 2: The halved square moves one place clockwise each time.

Rule 3: The halves of the square alternate between shaded and unshaded.



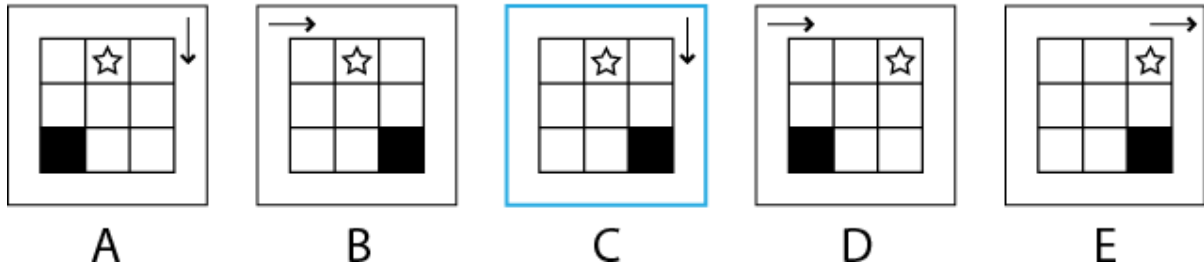
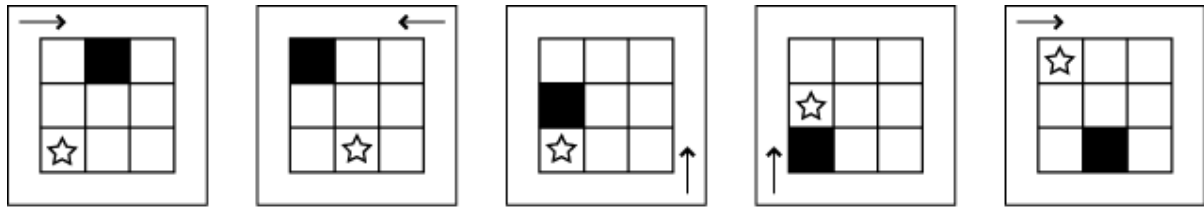
Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: Both sets of notches move one place clockwise each time.

Rule 2: The total number of notches is equal to the total number of edges on the shape in the centre.

Rule 3: The shape alternates between shaded and unshaded.



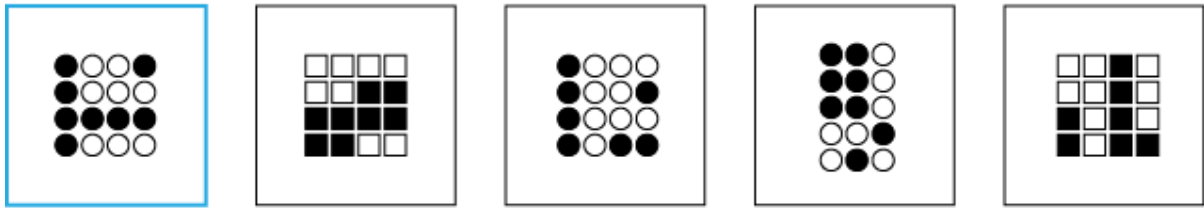
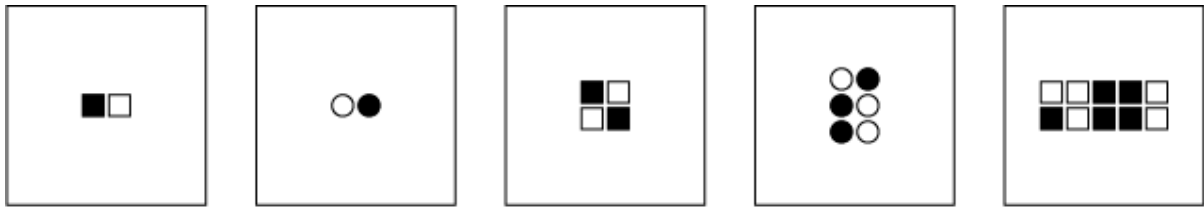
Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The arrow moves one place clockwise around the grid each time.

Rule 2: The arrow indicates where the star moves to in the next grid.

Rule 3: The shaded square moves one place counterclockwise around the grid each time.



A

B

C

D

E

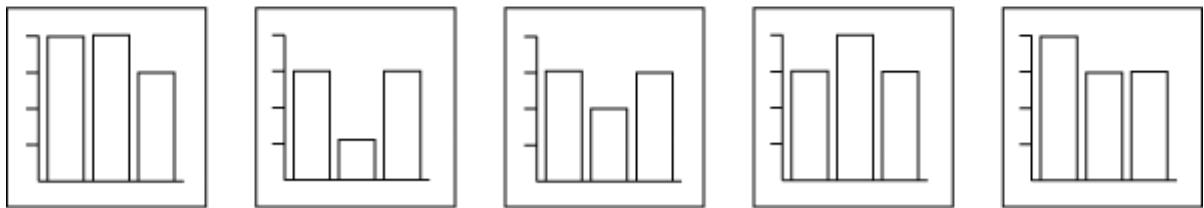
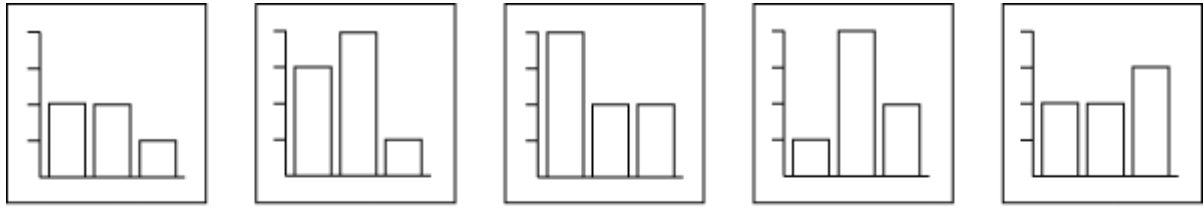
Q26 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The shapes alternate between circle and square.

Rule 2: The total number of shapes in each box is equal to the total number of shapes in the previous two boxes.

Rule 3: Exactly half of the shapes are shaded each time.



A B C D E

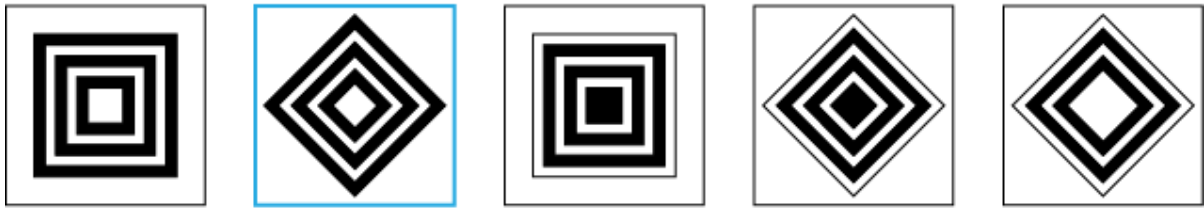
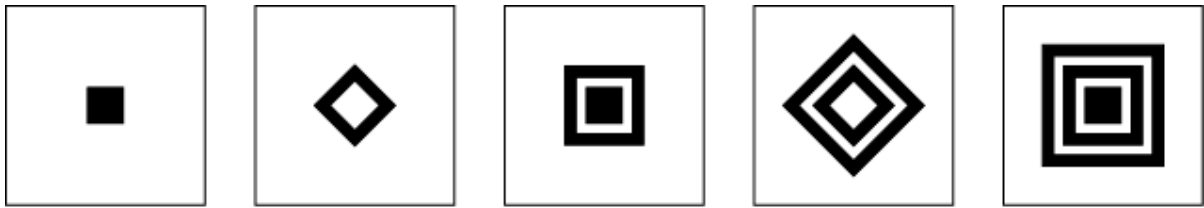
Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The first bar increases by one each time, then the pattern repeats.

Rule 2: The height of the second bar alternates between the second and fourth level of the graph.

Rule 3: The third bar increases by one every two boxes.



A

B

C

D

E

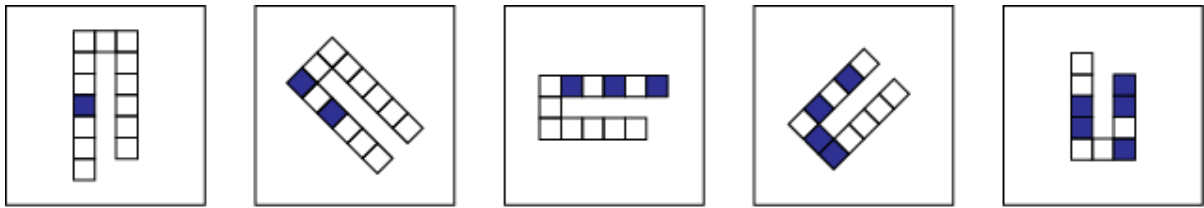
Q28 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: An additional square is added each time.

Rule 2: The shading alternates between squares each time.

Rule 3: The squares rotate 45° each time.



A

B

C

D

E

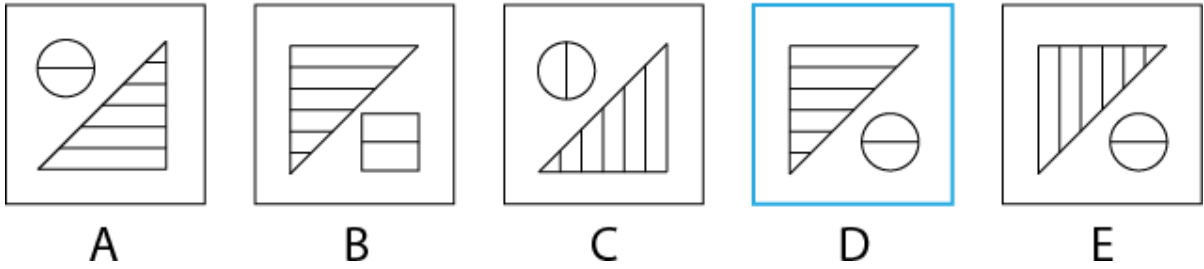
Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The symbol rotates 45° counterclockwise each time.

Rule 2: The total number of shaded squares increase by one each time.

Rule 3: One square is removed from the symbol each time.



Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The triangle rotates 90° clockwise each time.

Rule 2: The small shape alternates between a square and a circle.

Rule 3: The line in the small shape indicates the orientation of the lines in the triangle.

ABSTRACT REASONING TEST 7

Instructions

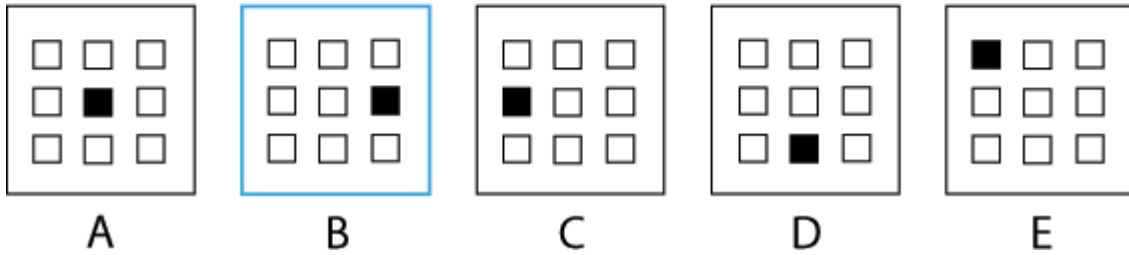
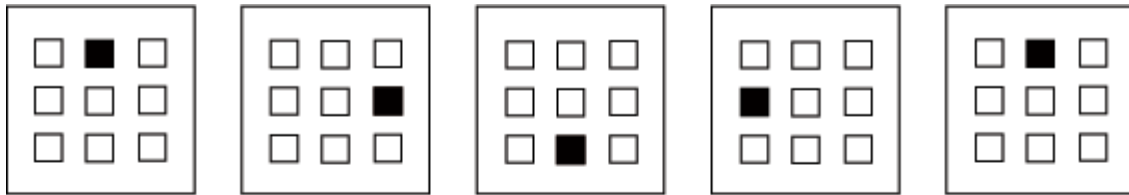
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

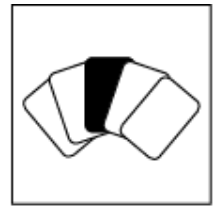
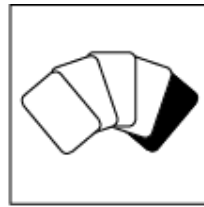
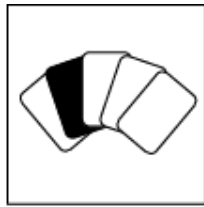
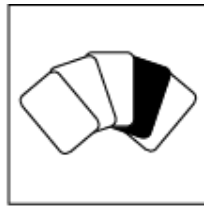
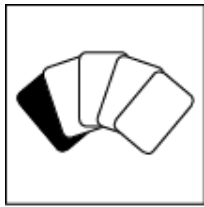
Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



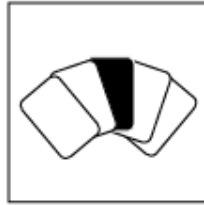
Q1 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

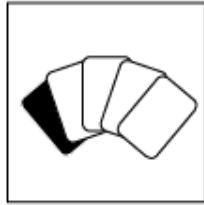
Rule 1: The shaded square moves two places clockwise each time.



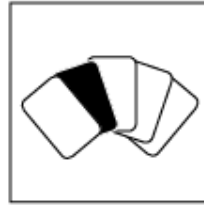
A



B



C



D



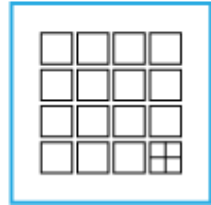
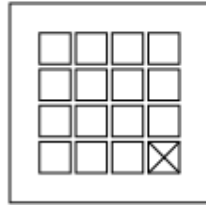
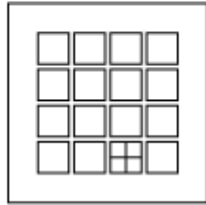
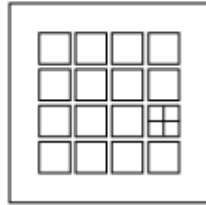
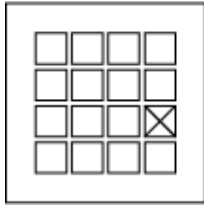
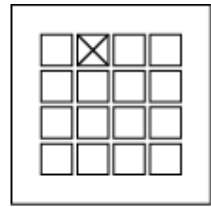
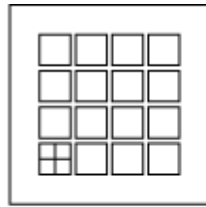
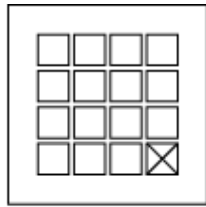
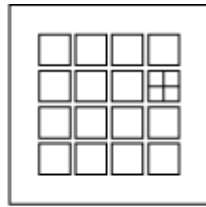
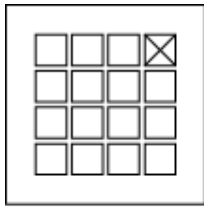
E

Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The shaded card moves three places to the right each time.

Rule 2: The cards alternate between moving from background to foreground and vice versa each time.

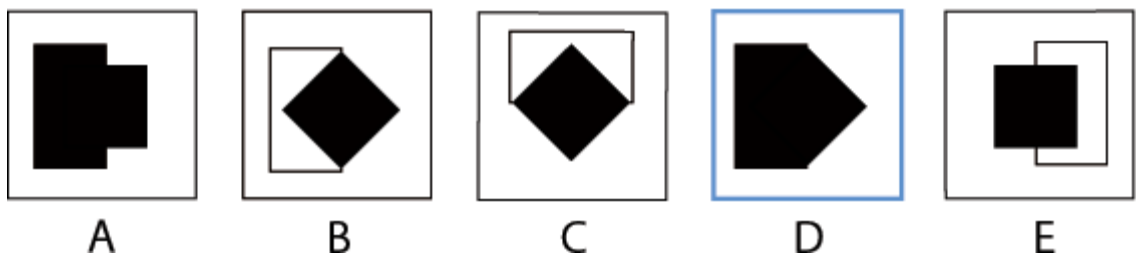


Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The crossed square moves clockwise one place, then two places, then three places and so on each time.

Rule 2: The cross rotates 45° each time.

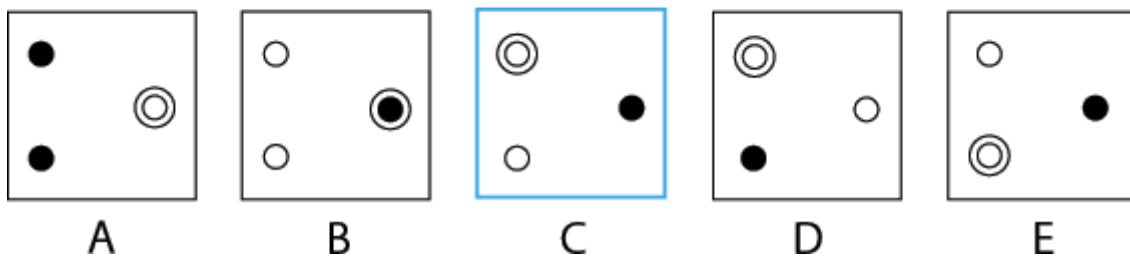
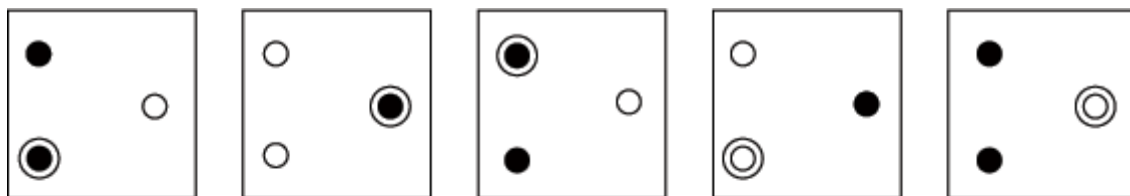


Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shading of the shapes alternates between square, rectangle or both shaded.

Rule 2: The square rotates by 45° every turn.

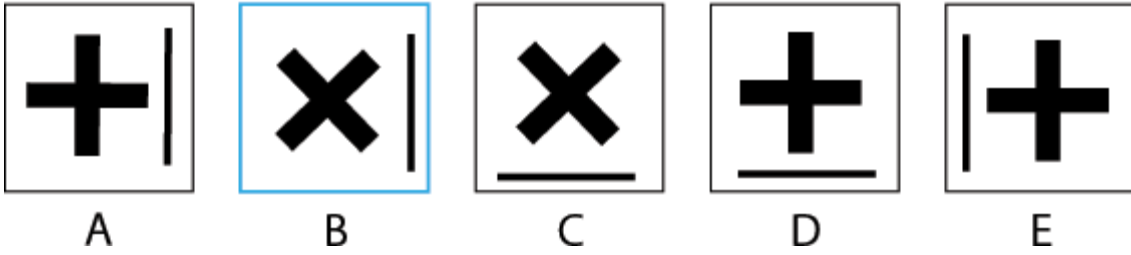


Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The shading alternates left to right each turn.

Rule 2: The larger circle moves one space anti-clockwise each turn.



Q6 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The line moves one place clockwise each time.
 Rule 2: The cross rotates by 45° each time.



A

B

C

D

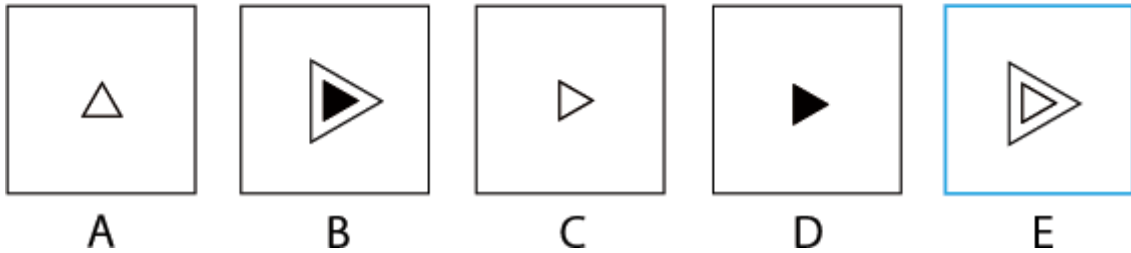
E

Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shading alternates between boxes.

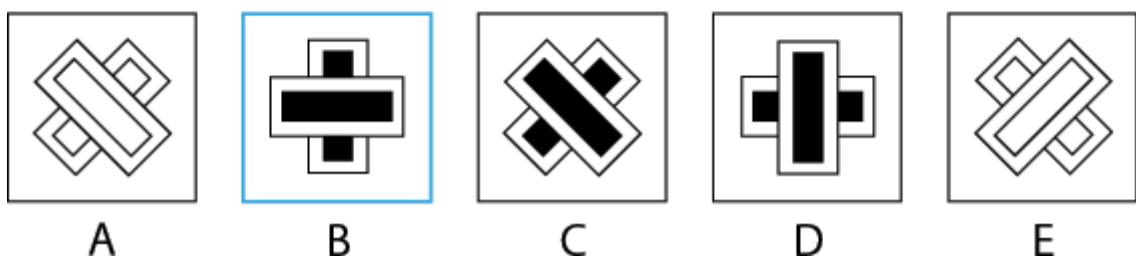
Rule 2: The total number of edges within each box increases by one each time.



Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

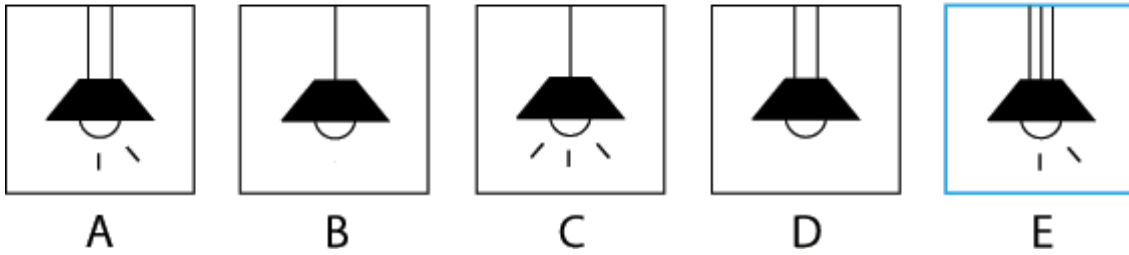
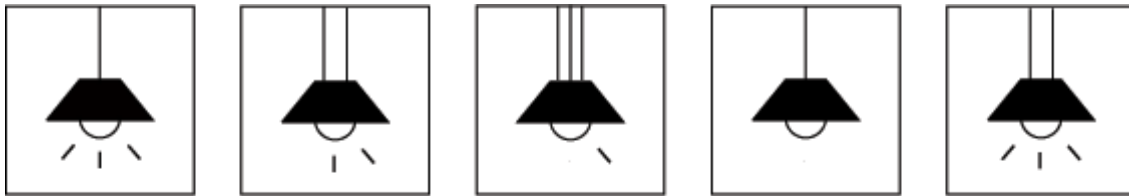
- Rule 1: The triangle alternates between rotating 90° clockwise and 90° anti-clockwise each time.
- Rule 2: The centre alternates between being shaded and unshaded.
- Rule 3: At every second rotation, the number of triangles reduces by one.



Q9 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The middle rectangles alternate between being shaded and unshaded.
 Rule 2: The shape rotates 45° anti-clockwise every two turns.



Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The number of wires the lampshade hangs from increases until there are three, at which point it reverts back to one.

Rule 2: The number of lines below the light bulb reduce by one until there are none, at which point it reverts back to three.



A

B

C

D

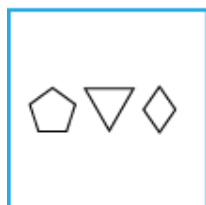
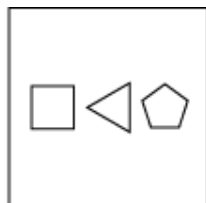
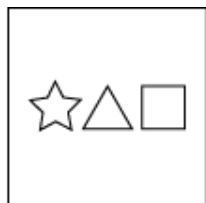
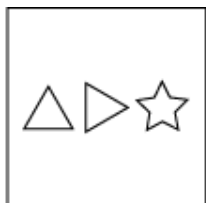
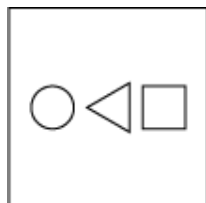
E

Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The middle shape alternates between a circle, a square and a pentagon.

Rule 2: The small shaded circle moves one place clockwise after every three turns.



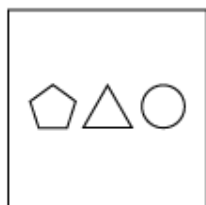
A



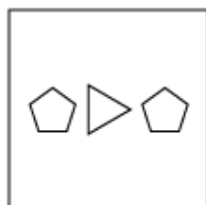
B



C



D



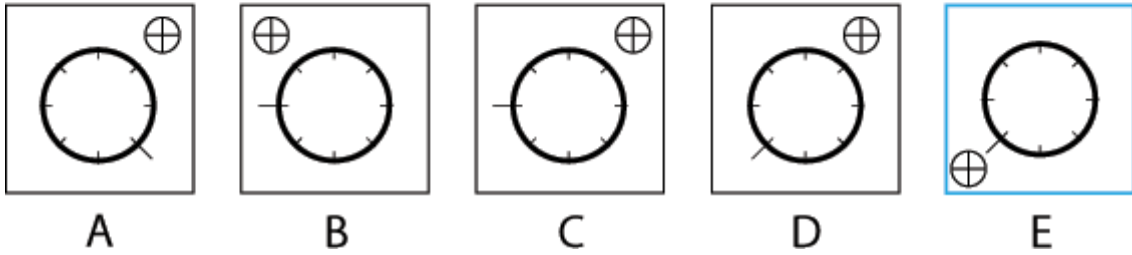
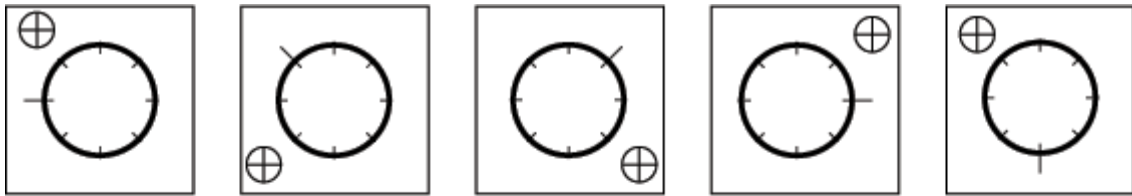
E

Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The middle triangle rotates 90° anti-clockwise each time.

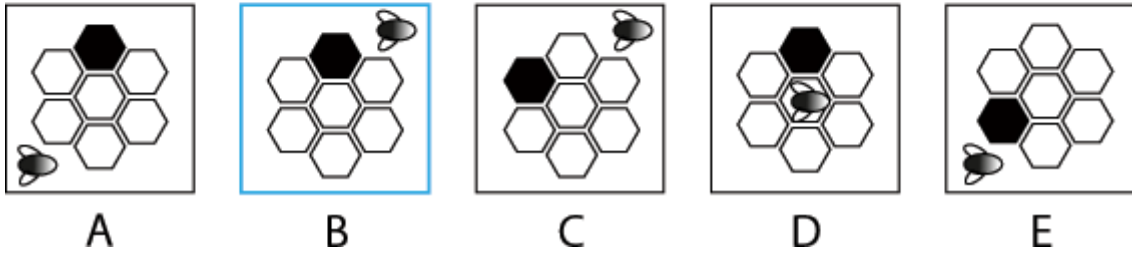
Rule 2: The final symbol in the box is the first symbol in the next box.



Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

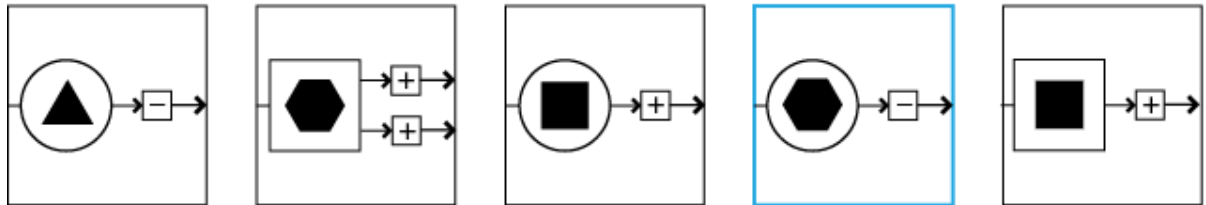
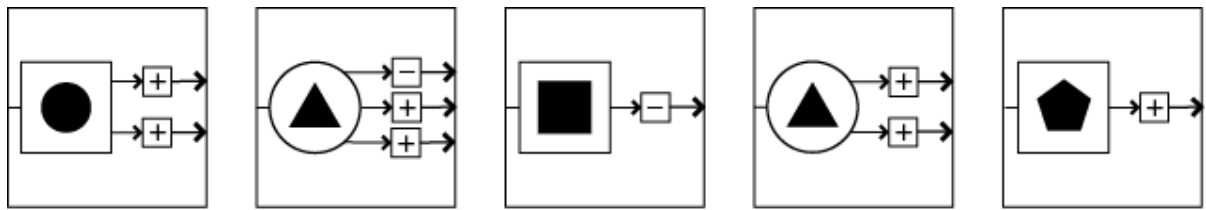
Rule 1: The pointer alternates between turning 45° or 90° clockwise.
 Rule 2: The crosshair symbol moves one place anti-clockwise each time.



Q14 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The bee moves diagonally from the bottom left to top right.
 Rule 2: The shaded segment moves one place anti-clockwise each turn.



A

B

C

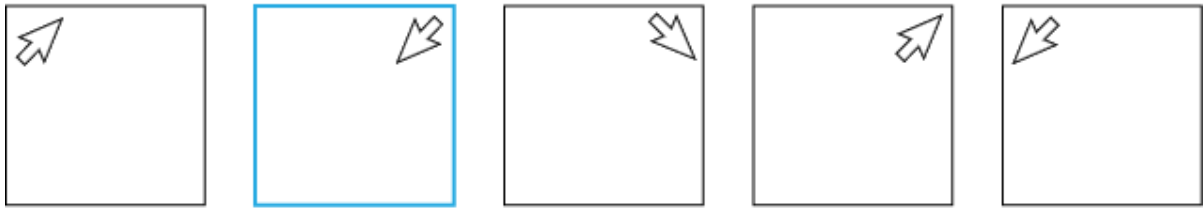
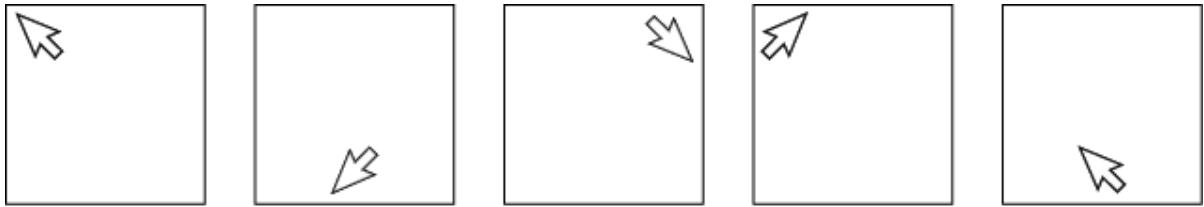
D

E

Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The large outer shape alternates between square and circle each time.
 Rule 2: The small boxes indicate how many edges are added to and/or are subtracted from the shaded shape each time.



A

B

C

D

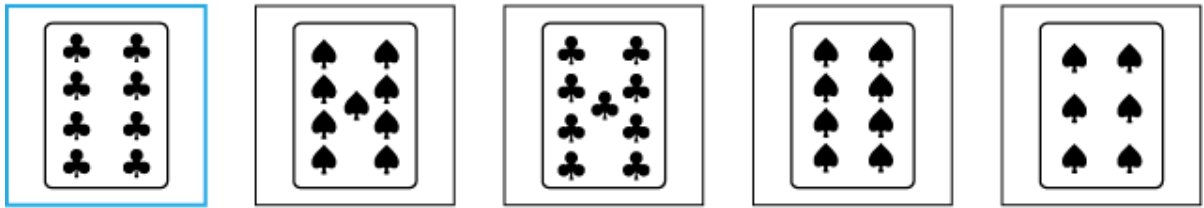
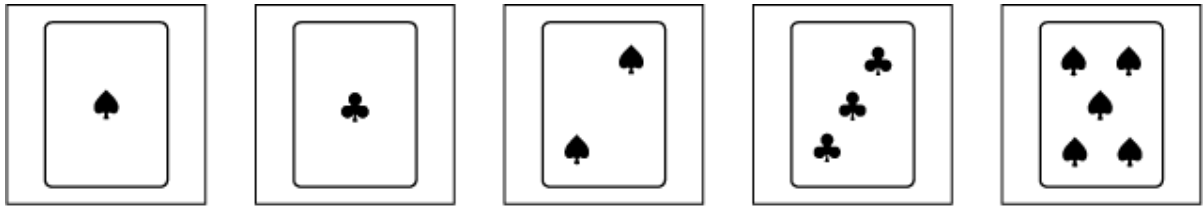
E

Q16 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The cursor moves from top left, to centre bottom to top right and then repeats the pattern.

Rule 2: The cursor rotates 90° anti-clockwise each time.



A

B

C

D

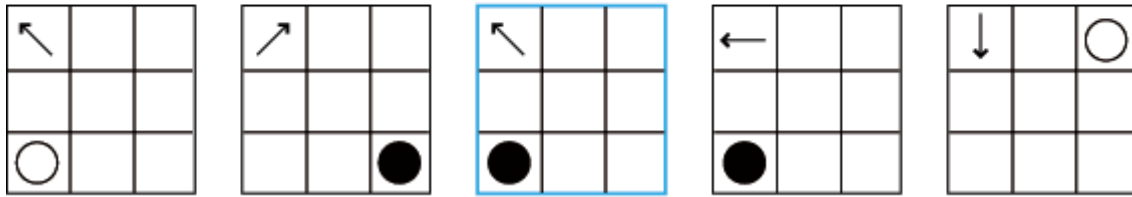
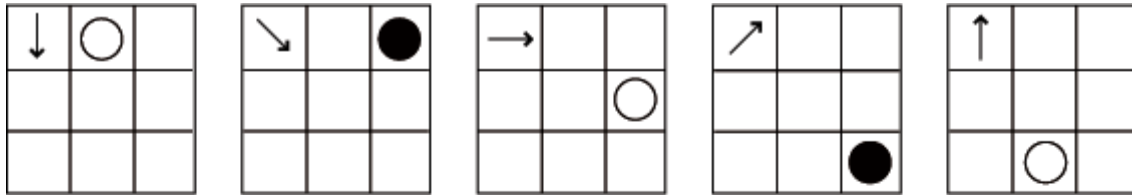
E

Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of symbols in each box is equal to the total number of symbols in the two previous boxes combined.

Rule 2: The symbols alternate between spades and clubs.



A

B

C

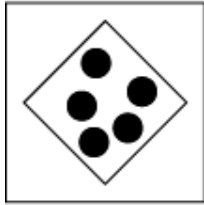
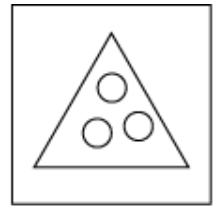
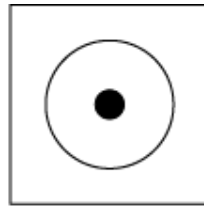
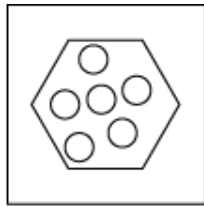
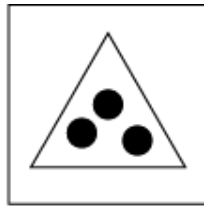
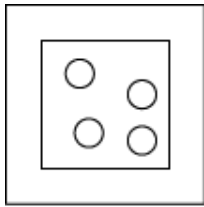
D

E

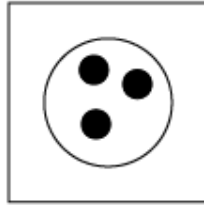
Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The arrow spins 45° anti-clockwise each turn.
 Rule 2: The circle moves one place clockwise each turn.
 Rule 3: The circle alternates between being shaded and unshaded.



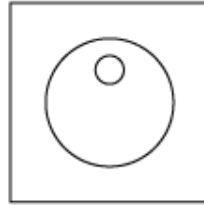
A



B



C



D



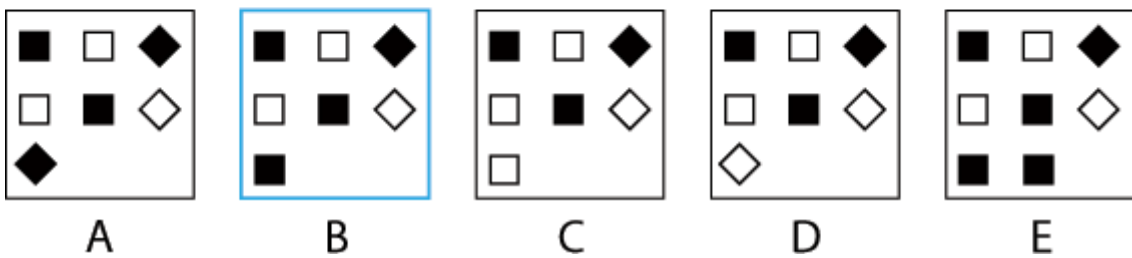
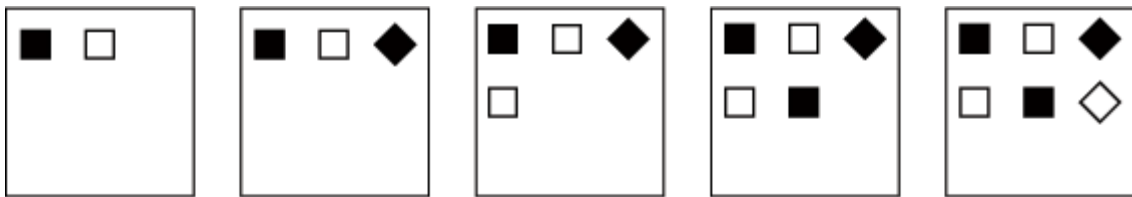
E

Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The total number of small circles is equal to the total number of edges on the large shape.

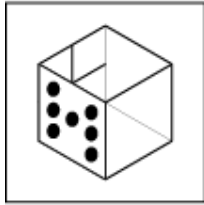
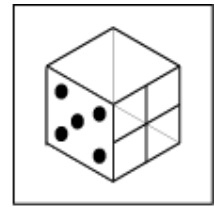
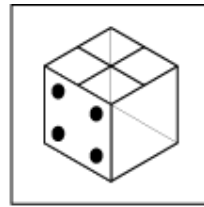
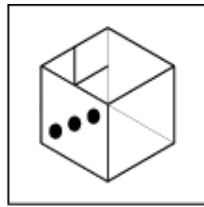
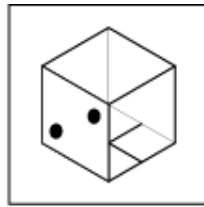
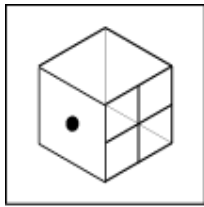
Rule 2: The small circles alternate between shaded and unshaded.



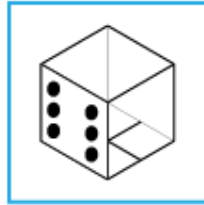
Q20 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

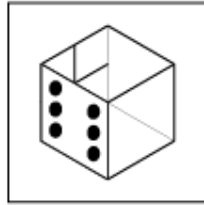
Rule 1: The squares alternate between being shaded and unshaded.
 Rule 2: One square is added each time and this continues onto the next row.
 Rule 3: Every third square is positioned diagonally.



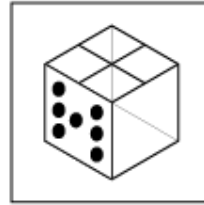
A



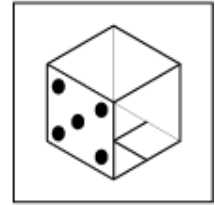
B



C



D

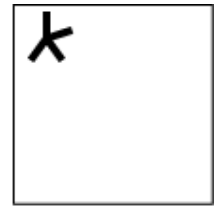
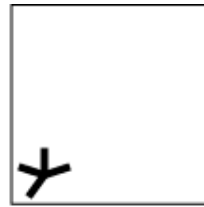
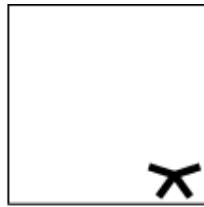
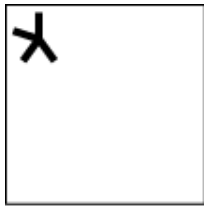


E

Q21 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The crossed face of the cube moves one place clockwise each time.
 Rule 2: the total numbers of dots on the left hand face of the cube increases by one each time.

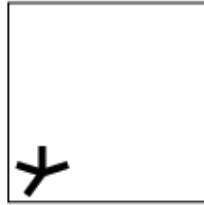




A



B



C



D



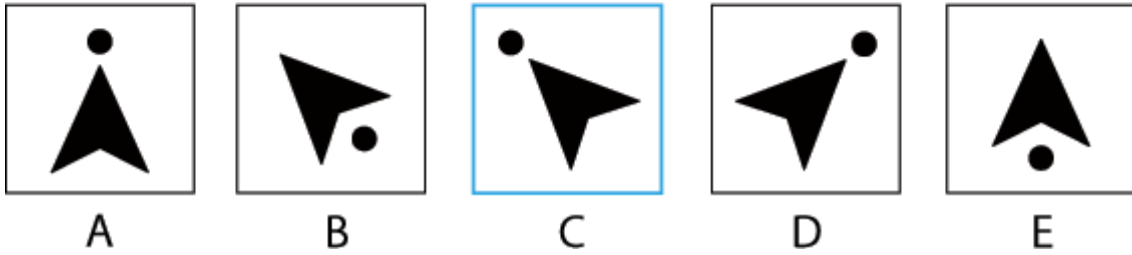
E

Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The star moves one place clockwise around the box each time.

Rule 2: The missing point moves two places clockwise each time.

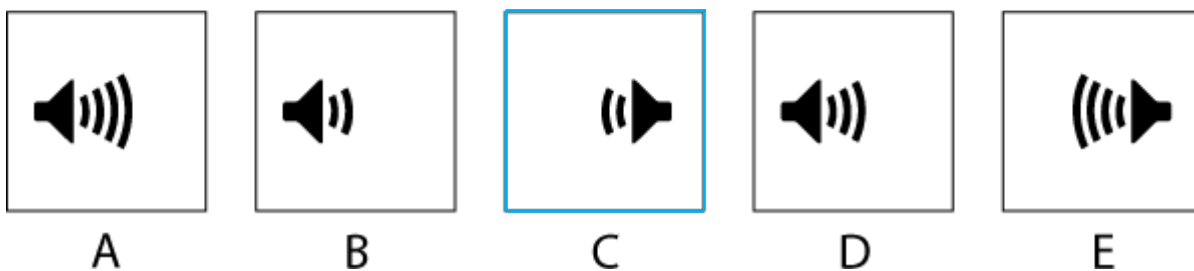


Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The arrow alternates between turning 45° clockwise and 90° anti-clockwise.

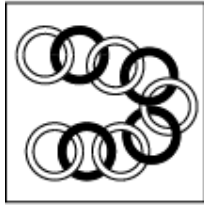
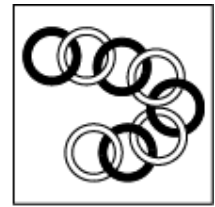
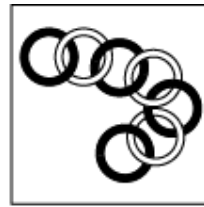
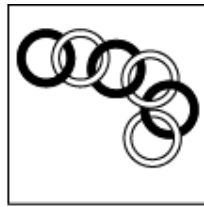
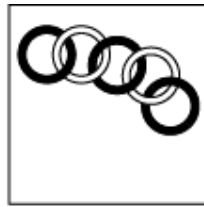
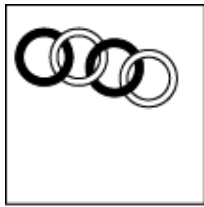
Rule 2: The shaded circle alternates between being at the top or bottom of the arrow.



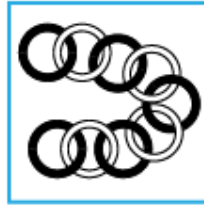
Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The speaker alternates between pointing left and right each time.
Rule 2: The total number of bars decreases by one each time.



A



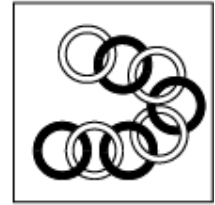
B



C



D



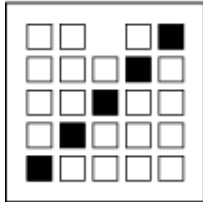
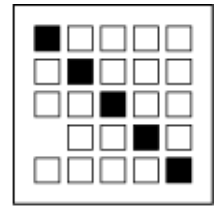
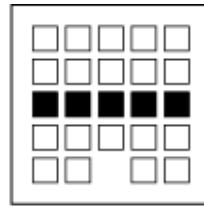
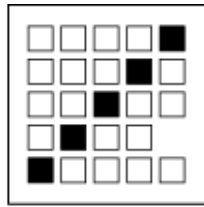
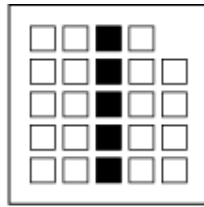
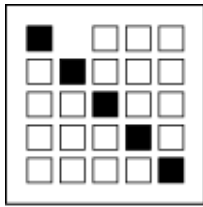
E

Q25 What comes next in the sequence?

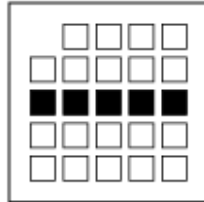
- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: A new link is added to the chain each time.

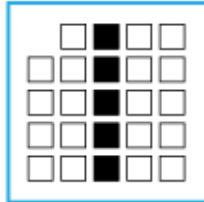
Rule 2: As they are added, the links alternate between shaded and unshaded.



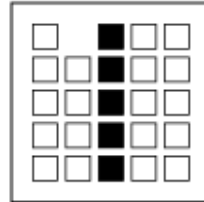
A



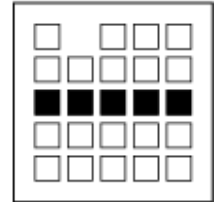
B



C



D

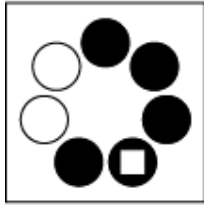
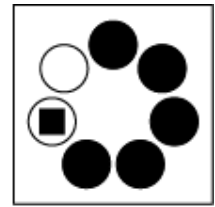
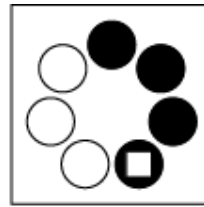
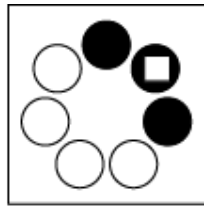
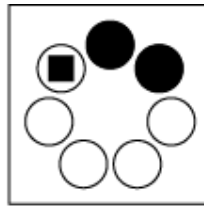
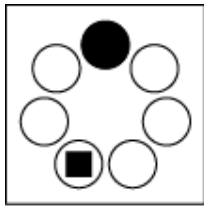


E

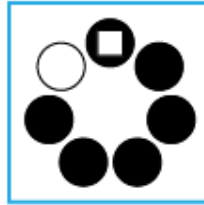
Q26 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

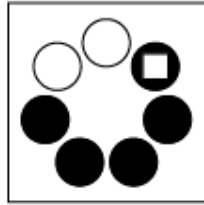
Rule 1: The shaded row of squares rotates 45° clockwise each time.
 Rule 2: The missing square moves three places clockwise each time.



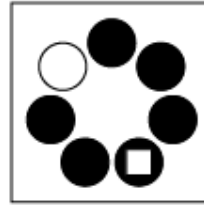
A



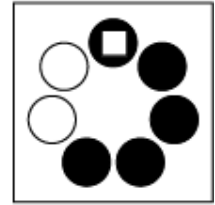
B



C



D

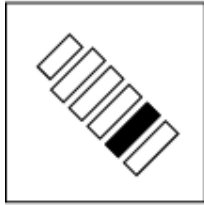
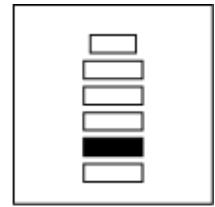
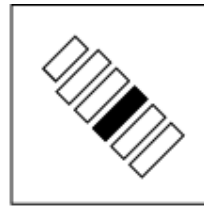
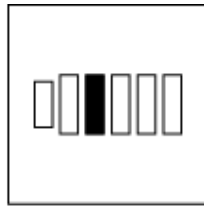
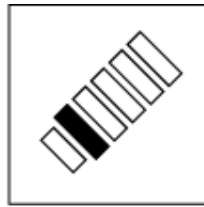
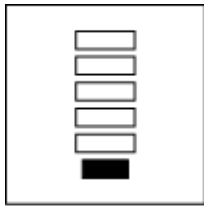


E

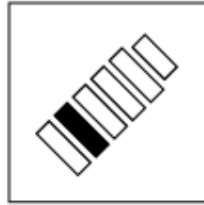
Q27 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

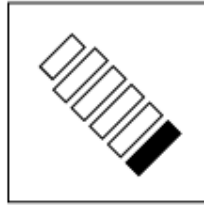
Rule 1: The total number of shaded circles increases by one each time.
 Rule 2: The Square moves two places clockwise each time.



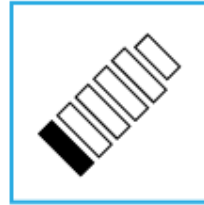
A



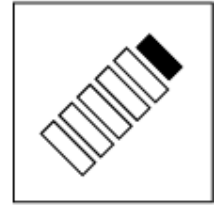
B



C



D



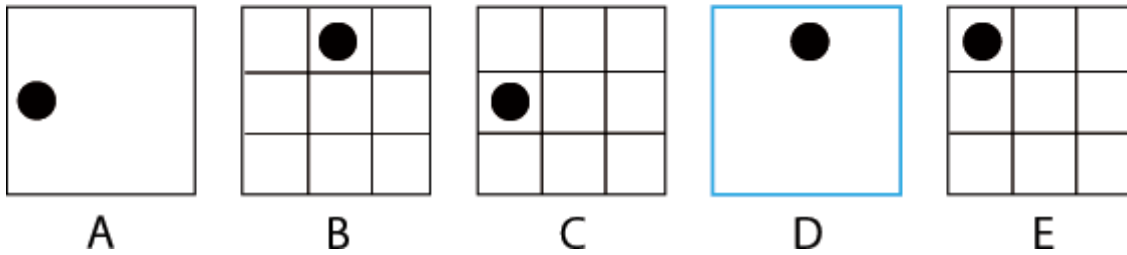
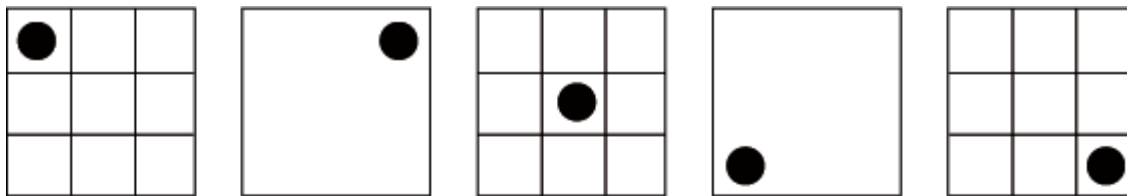
E

Q28 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shaded bar moves up one place each time, regardless of the orientation of the bars.

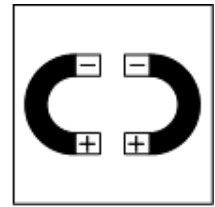
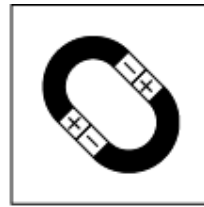
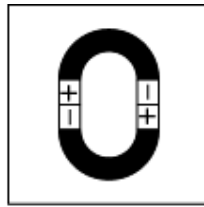
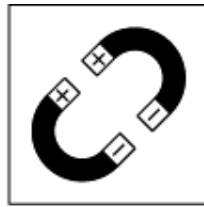
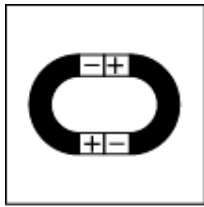
Rule 2: The bars rotate 45° clockwise each time.



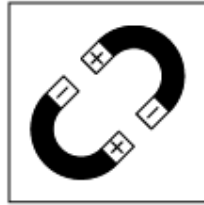
Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

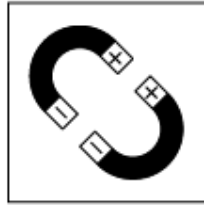
Rule 1: The circle moves two places to the right each time and this continues onto the next row.
 Rule 2: The gridlines disappear from every other square.



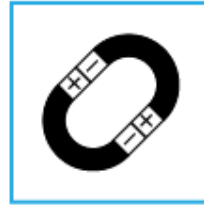
A



B



C



D



E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The magnets rotate 45° counter clockwise each time.
 Rule 2: The magnets connect when both touching poles are opposite signs.
 When the touching poles are identical, the magnets are not connected.

-- End of Test --

ABSTRACT REASONING TEST 8

Instructions

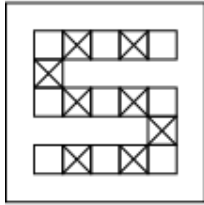
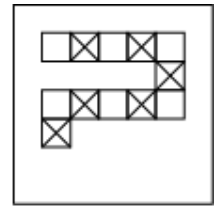
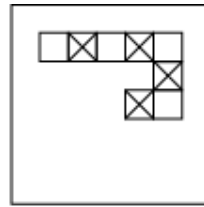
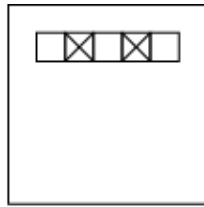
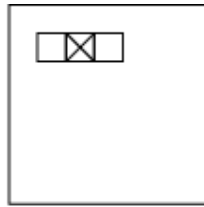
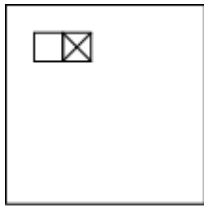
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

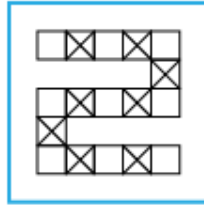
You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

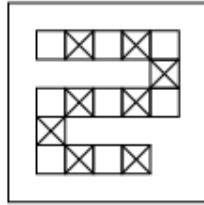
Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



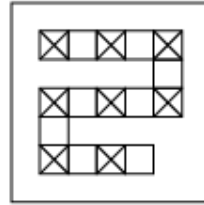
A



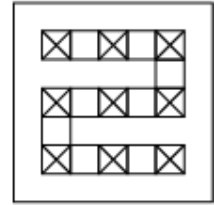
B



C



D



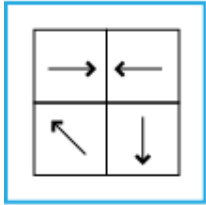
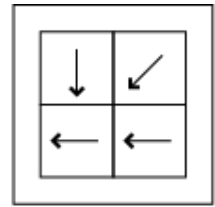
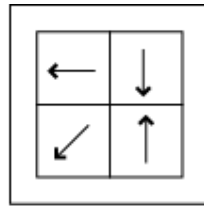
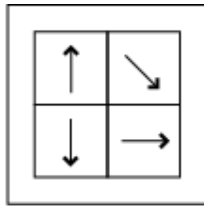
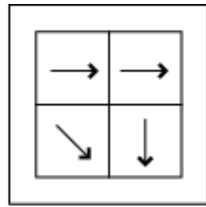
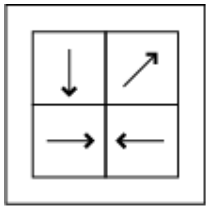
E

Q1 What comes next in the sequence?

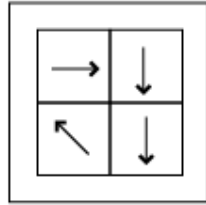
- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: One new square is added, then two, then three and so on.

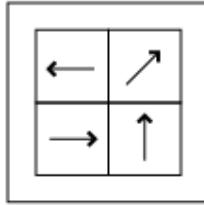
Rule 2: The squares in the pattern alternate between shaded and unshaded.



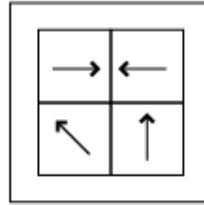
A



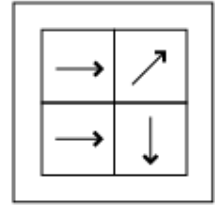
B



C



D



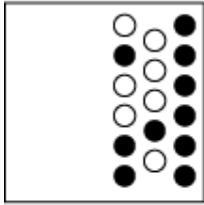
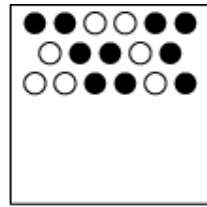
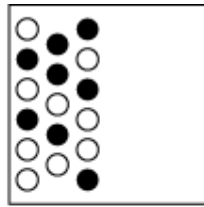
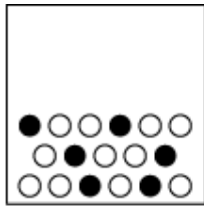
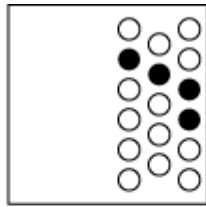
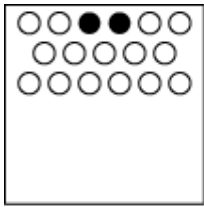
E

Q2 What comes next in the sequence?

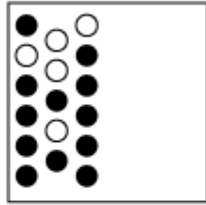
- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The top left and bottom right arrows rotate 90° counterclockwise each time.

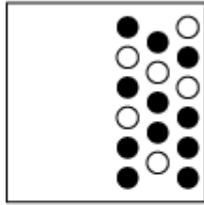
Rule 2: The top right and bottom left arrows rotate 45° clockwise each time.



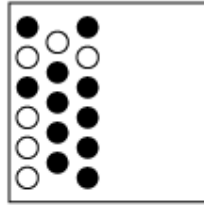
A



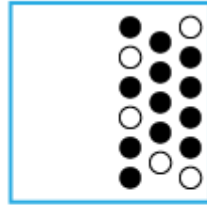
B



C



D



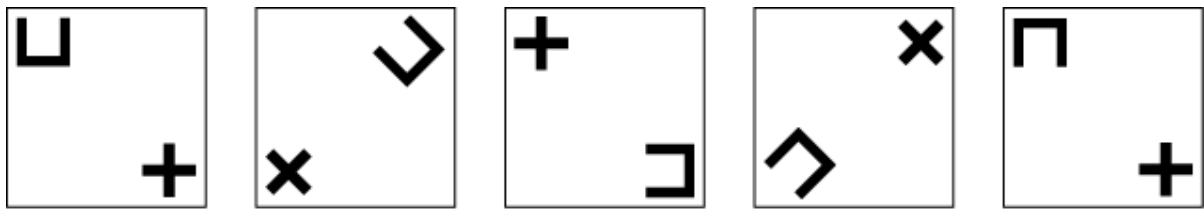
E

Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The rows of circles rotate one place clockwise each time.

Rule 2: The total number of shaded circles increases by two each time.



A

B

C

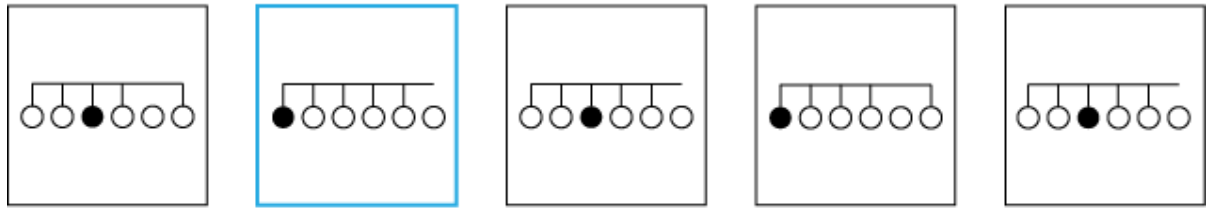
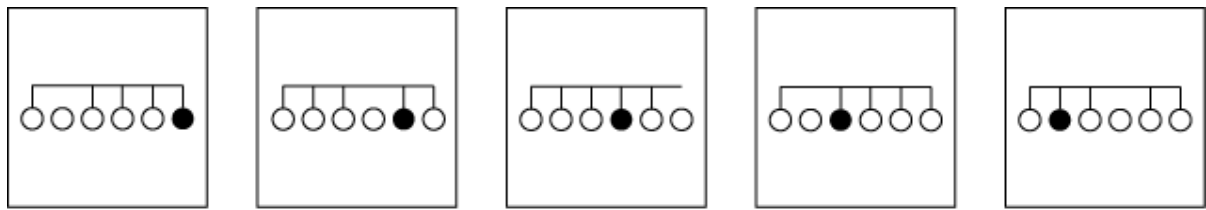
D

E

Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: Both symbols move one place clockwise around the box each time.
 Rule 2: Both symbols rotate 45° counterclockwise each time.



A

B

C

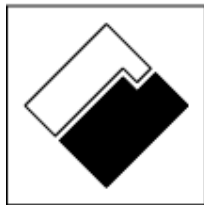
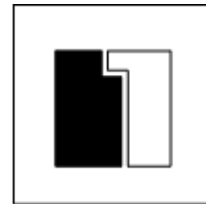
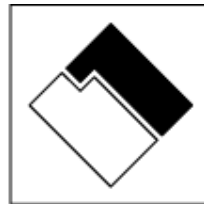
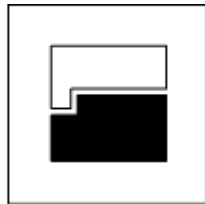
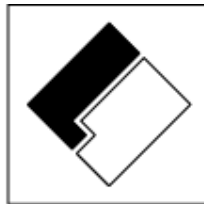
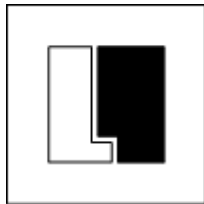
D

E

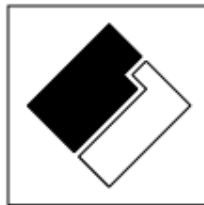
Q5 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

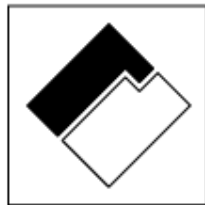
Rule 1: The missing vertical line moves two places to the right each time.
 Rule 2: The shaded circle moves one place to the left each time.



A



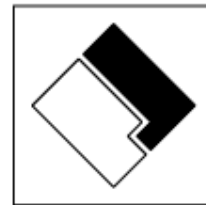
B



C



D



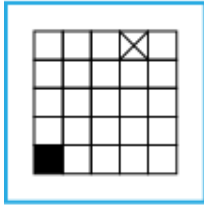
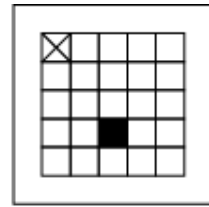
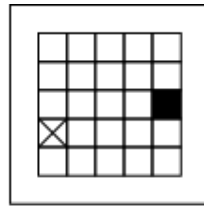
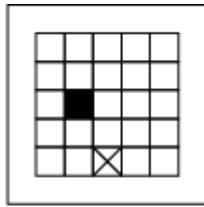
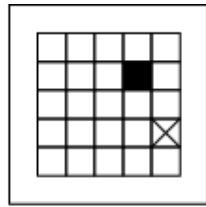
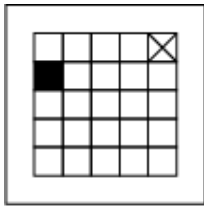
E

Q6 What comes next in the sequence?

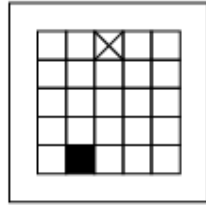
- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The symbol rotates 45° clockwise each time.

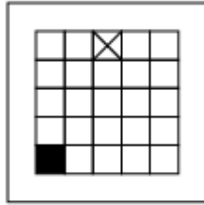
Rule 2: The segments of the symbol alternate between shaded and unshaded.



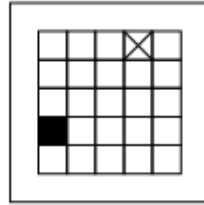
A



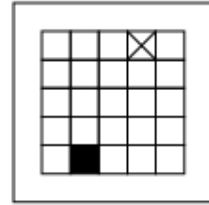
B



C



D



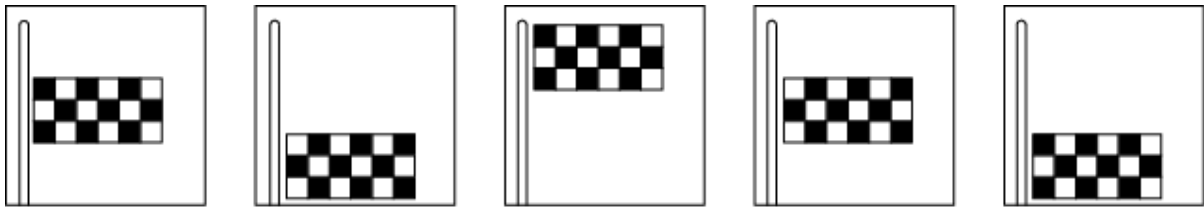
E

Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The crossed box moves three places clockwise each time.

Rule 2: The shaded box moves three places to the right each time, and then begins again on the next row.



A

B

C

D

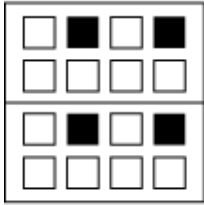
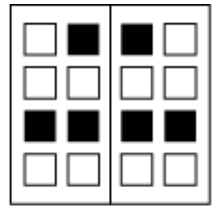
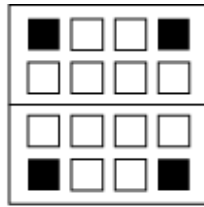
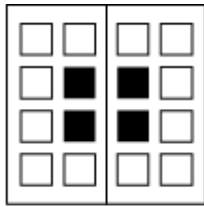
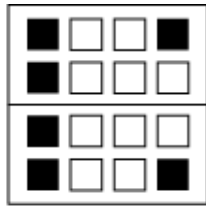
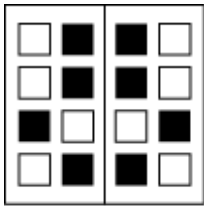
E

Q8 What comes next in the sequence?

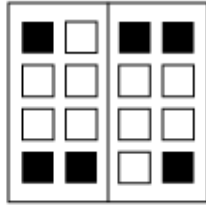
- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The flag moves down one place each time, then begins again from the top of the flagpole.

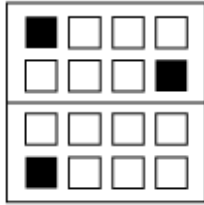
Rule 2: Each square on the flag alternates between shaded and unshaded each time.



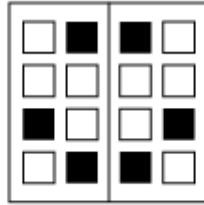
A



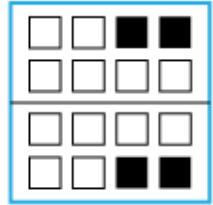
B



C



D



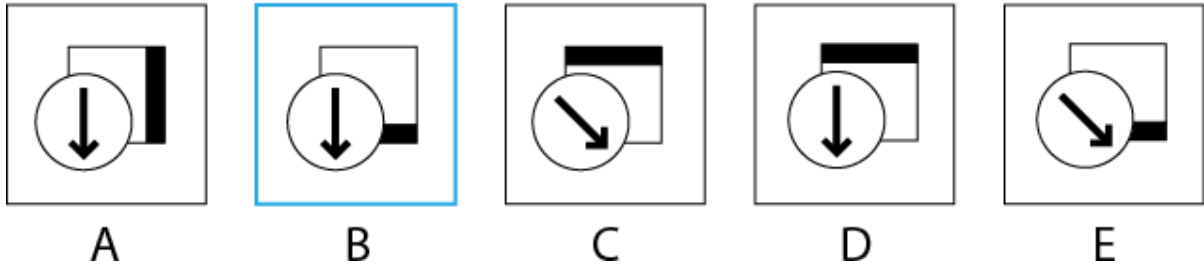
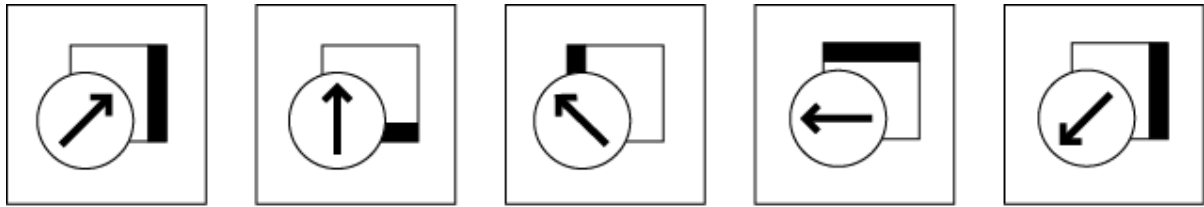
E

Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The line dividing the squares alternates between vertical and horizontal.

Rule 2: All opposite squares across the dividing line are identical.

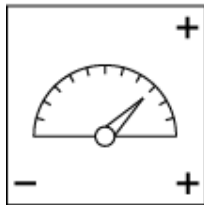
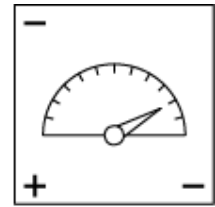
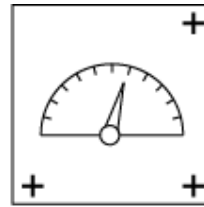
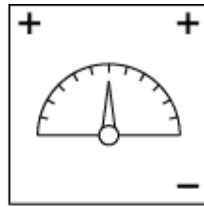
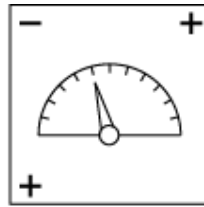
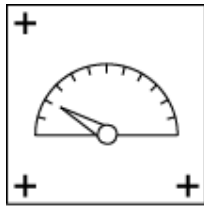


Q10 What comes next in the sequence?

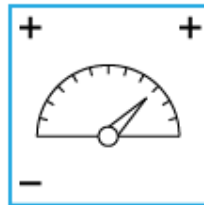
- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The arrow rotates 45° counterclockwise each time.

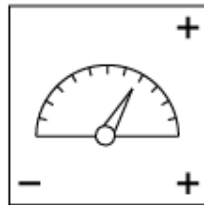
Rule 2: The square in the background rotates 90° clockwise each time.



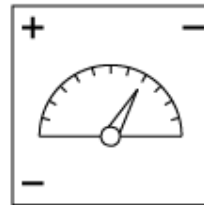
A



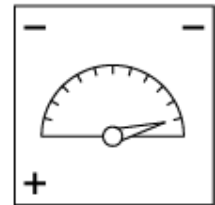
B



C



D



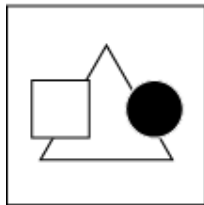
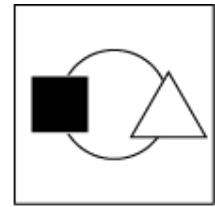
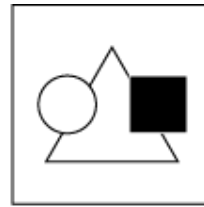
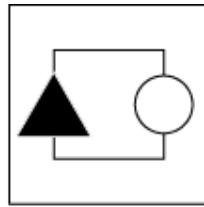
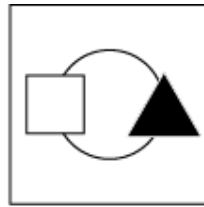
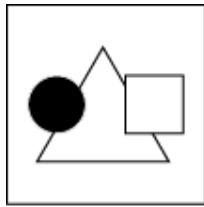
E

Q11 What comes next in the sequence?

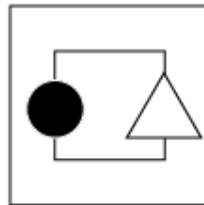
- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The positive and negative symbols move one place clockwise each time.

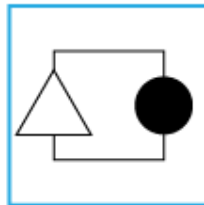
Rule 2: The positive and negative symbols indicate the location of the gauge in the next box.



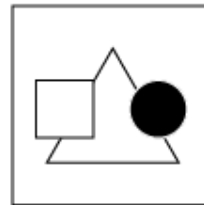
A



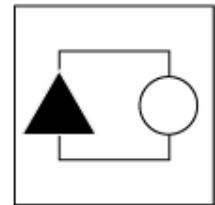
B



C



D



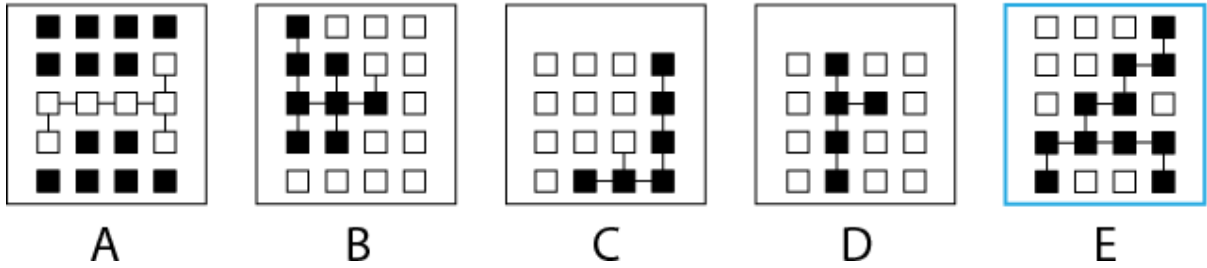
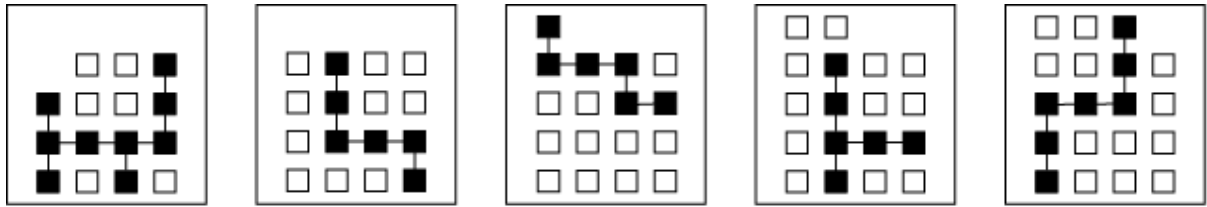
E

Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: Each shape moves one place to the right each time. The middle shape is always enlarged.

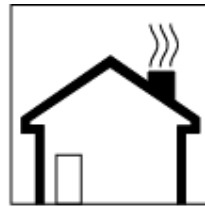
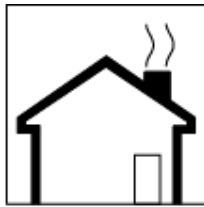
Rule 2: The shaded shape alternates between the left and right hand sided shape.



Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: A new square is added to the grid each time.
 Rule 2: All of the connected squares are shaded.



A



B



C



D



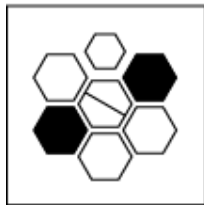
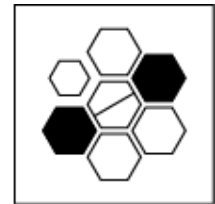
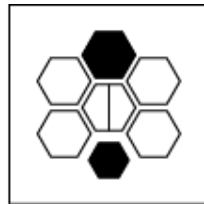
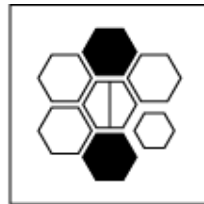
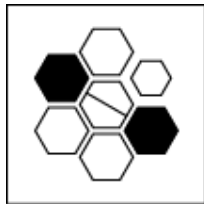
E

Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The door moves one place to the right each time.

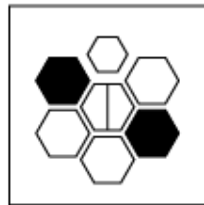
Rule 2: The chimney alternates between having two and three wisps of smoke.



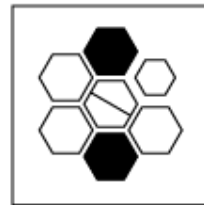
A



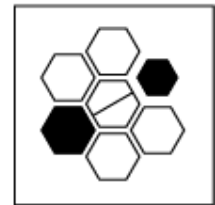
B



C



D

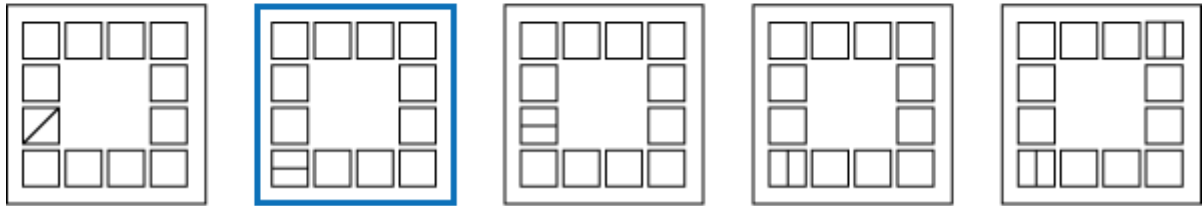
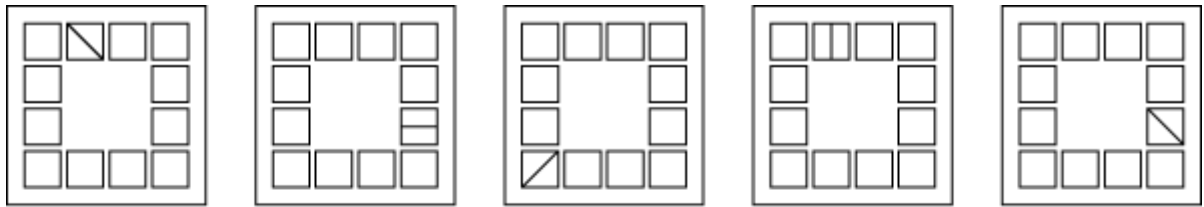


E

Q15 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The small hexagon moves one place clockwise each time.
 Rule 2: The shaded hexagons are determined by the line in the central hexagon. The two hexagons connected by the line are always shaded.



A

B

C

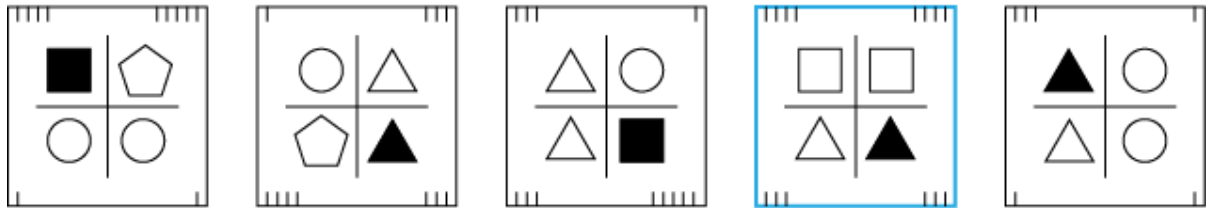
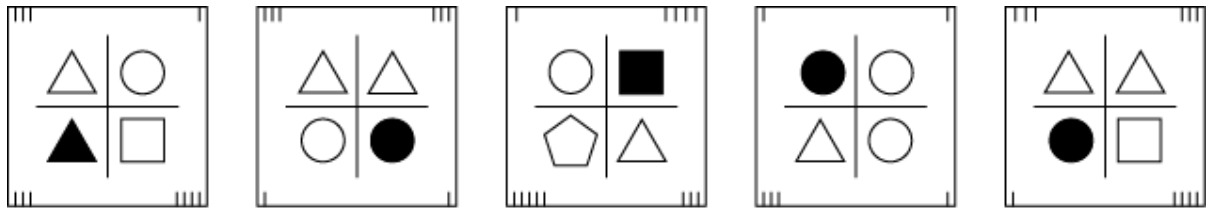
D

E

Q16 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The lined square moves 4 places clockwise each time.
 Rule 2: The line in the square rotates 45° counterclockwise each time.



A

B

C

D

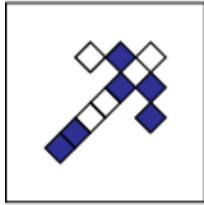
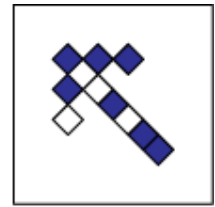
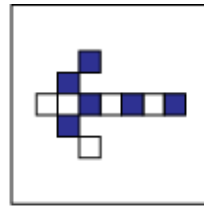
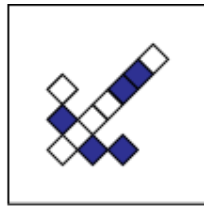
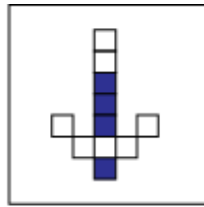
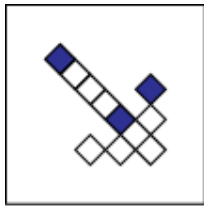
E

Q17 What comes next in the sequence?

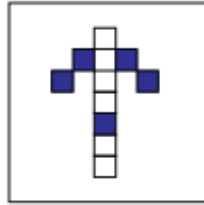
- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The total number of edges on each shape is equal to the number of notches in that shape's corner.

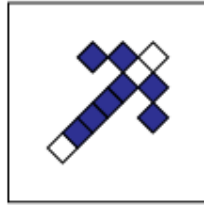
Rule 2: The shaded shape moves one place counterclockwise each time.



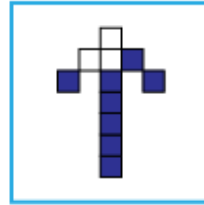
A



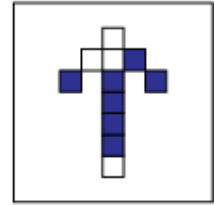
B



C



D



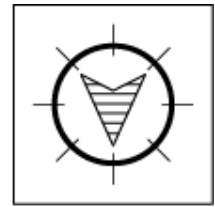
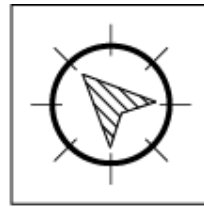
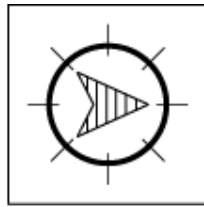
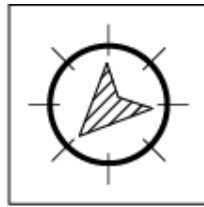
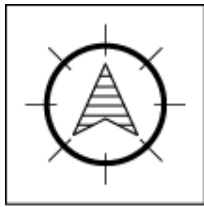
E

Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The arrow rotates 45° clockwise each time.

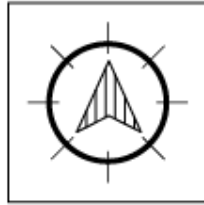
Rule 2: The total number of shaded squares increases by one each time.



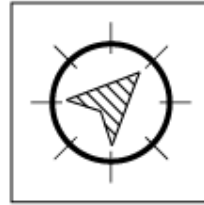
A



B



C



D

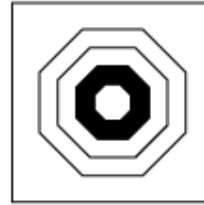
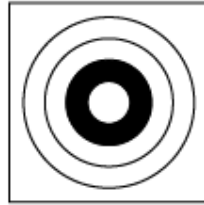
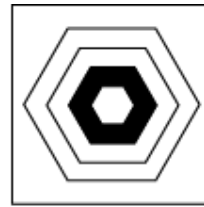
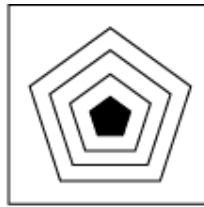
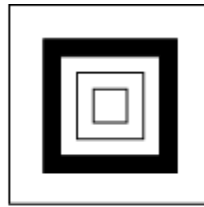


E

Q19 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The compass moves three places counterclockwise each time.
Rule 2: The lines on the compass alternate between horizontal and vertical, with respect to the direction of the arrow.



A

B

C

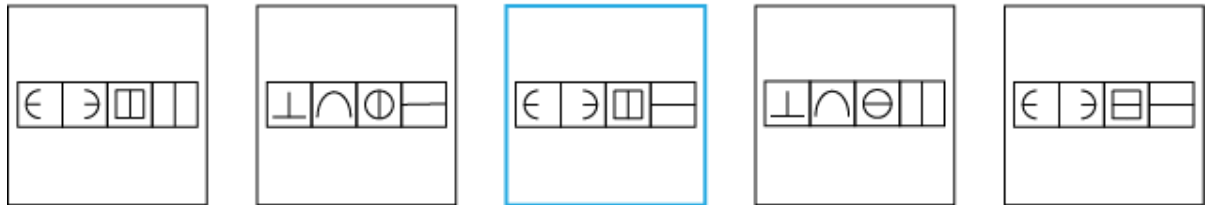
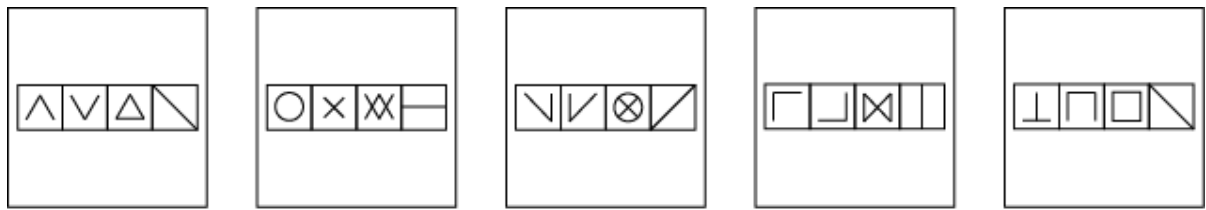
D

E

Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of edges on the shape increases by one each time.
 Rule 2: The shaded layer of the shape moves outward one place each time, then begins again from the centre.



A

B

C

D

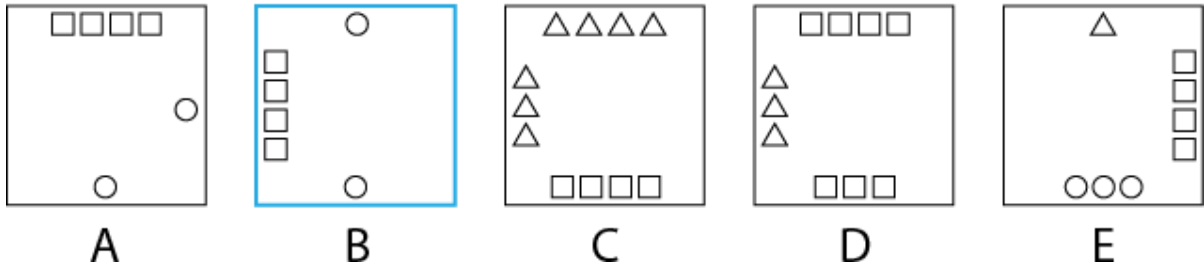
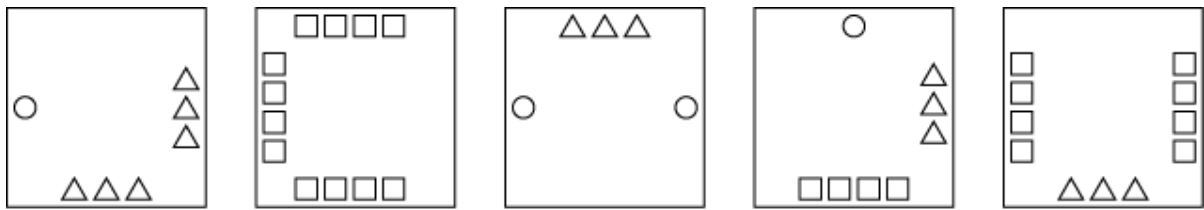
E

Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The 1st and 2nd symbols combine to form the 3rd symbol of the next box.

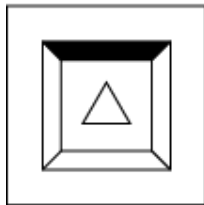
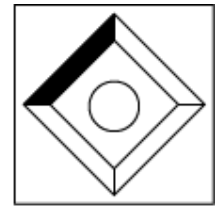
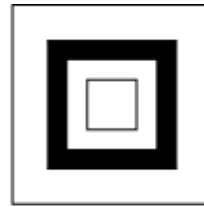
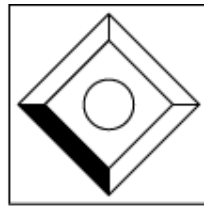
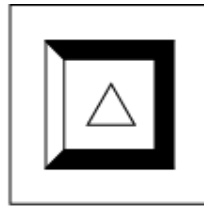
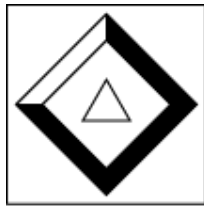
Rule 2: The 4th symbol rotates 45° counterclockwise each time.



Q22 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

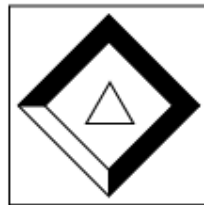
Rule 1: The batches of shapes move one place clockwise each time.
 Rule 2: The number of shapes on each batch is equal to the number of edges on that shape.



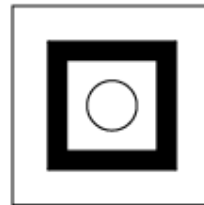
A



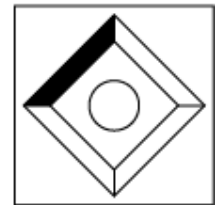
B



C



D



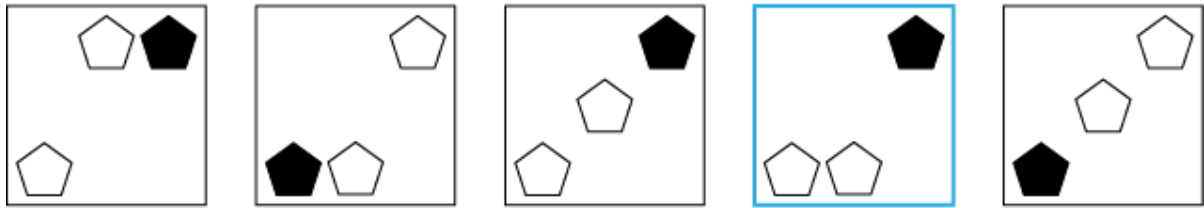
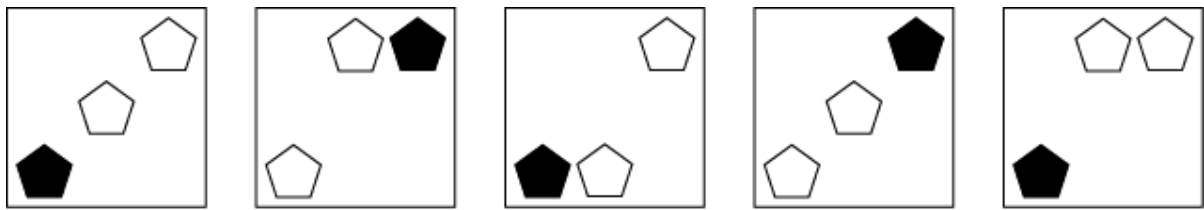
E

Q23 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The square rotates 45° clockwise each time.

Rule 2: The number of edges on the shape in the centre is equal to the number of shaded edges on the large square.



A

B

C

D

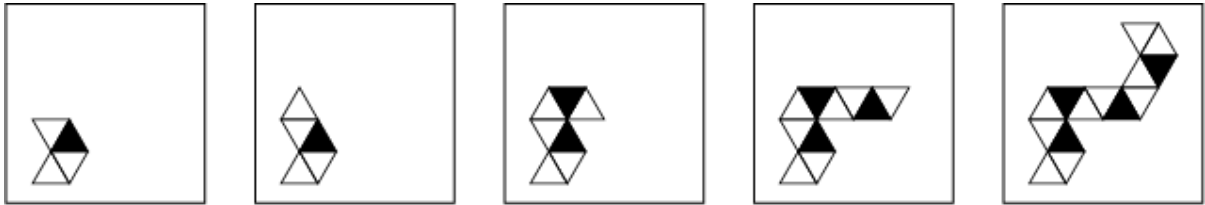
E

Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The middle pentagon moves up one place each time.

Rule 2: The shaded pentagon alternates between the left and right hand pentagon.



A

B

C

D

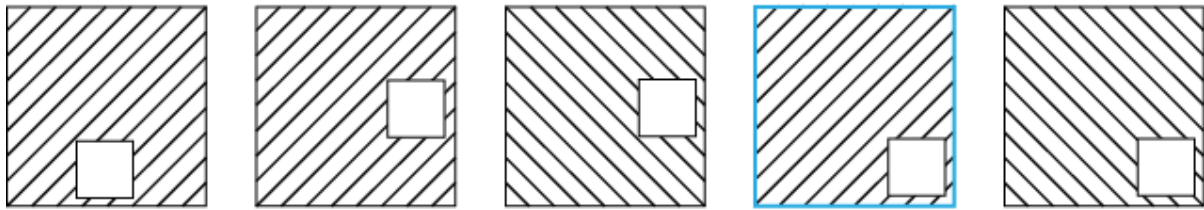
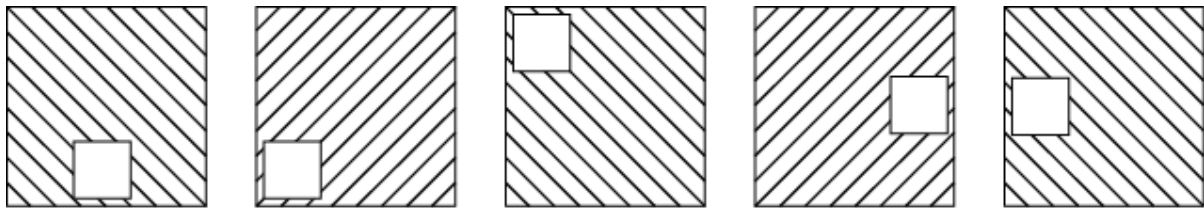
E

Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: One triangle is added, then two triangles, then three and so on, each time.

Rule 2: Every third triangle is shaded.

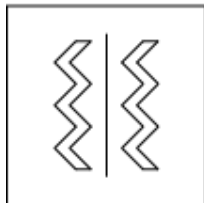
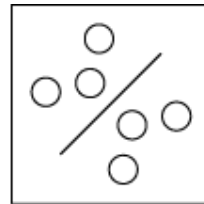
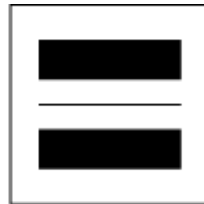
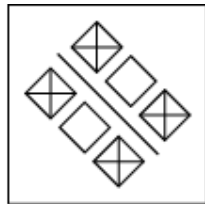
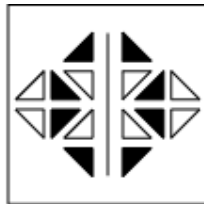
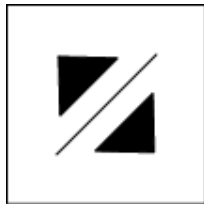


Q26 What comes next in the sequence?

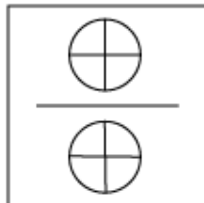
- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The white square moves clockwise one place, then two place, then three places and so on, each time.

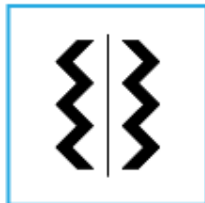
Rule 2: The lines alternate between pointing NW-SE and NE-SW.



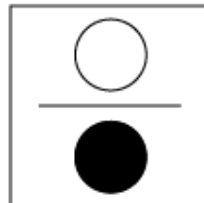
A



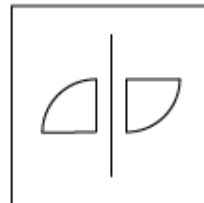
B



C



D

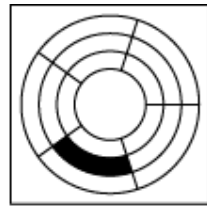
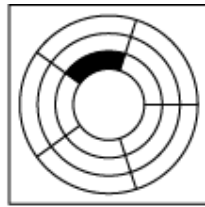
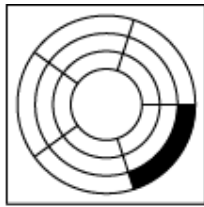
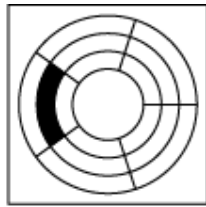
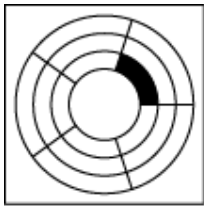


E

Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The centre line rotates 45° counterclockwise each time.
 Rule 2: The symbols are symmetrical about the centre line.



A



B



C



D

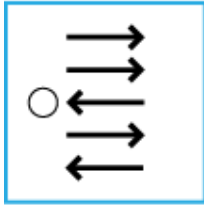
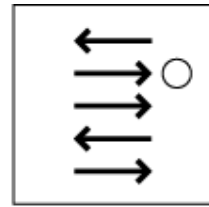
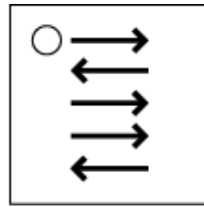
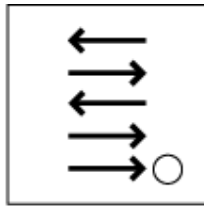
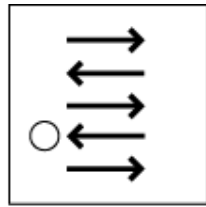
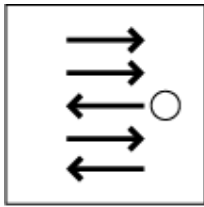


E

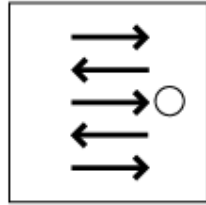
Q28 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

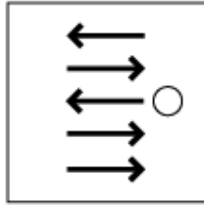
Rule 1: The shaded segment moves two places counterclockwise each time.
Rule 2: The shaded segment also moves outwards to the next ring each time, then begins again from the centre ring.



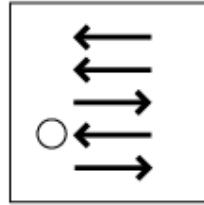
A



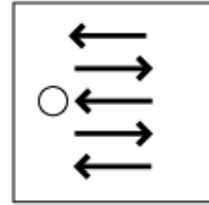
B



C



D



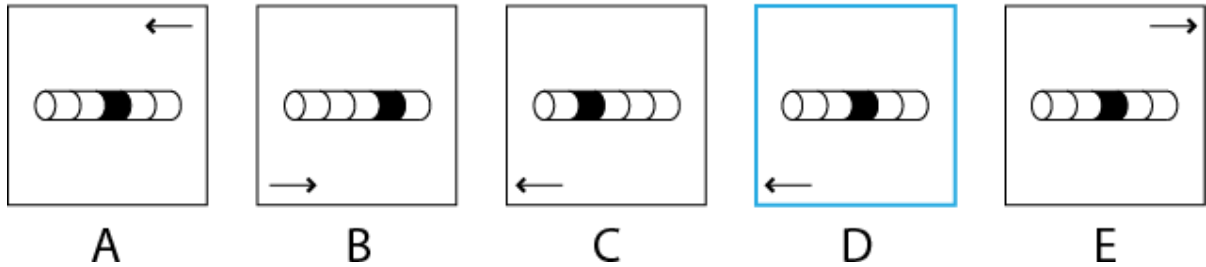
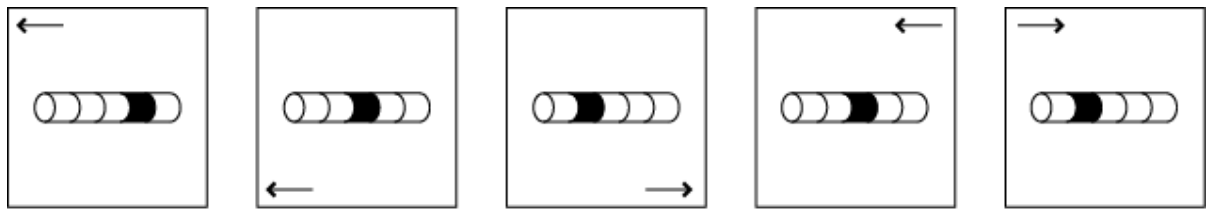
E

Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: Each arrow moves up one place each time, then begins again from the bottom.

Rule 2: The circle moves down one place each time and alternates side, then begins again from the top.



Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The arrow moves one place counterclockwise each time.
 Rule 2: The arrow indicates which segment of the cylinder will be shaded in the following box.

-- End of Test --

ABSTRACT REASONING TEST 9

Instructions

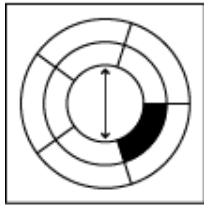
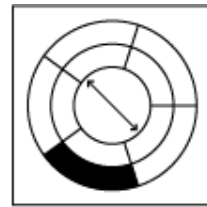
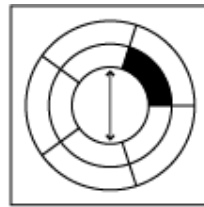
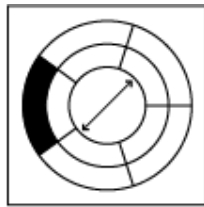
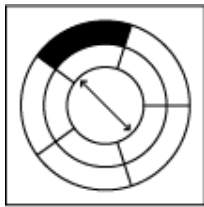
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

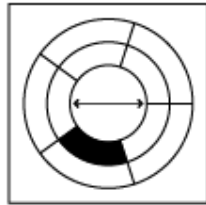
You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

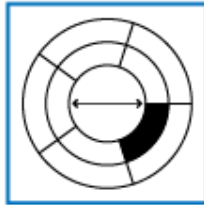
Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



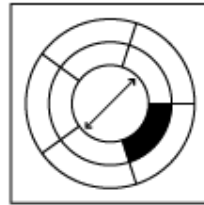
A



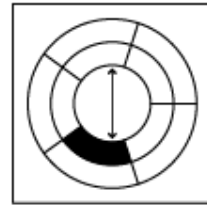
B



C



D



E

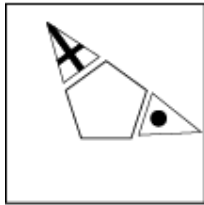
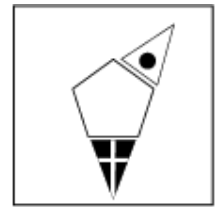
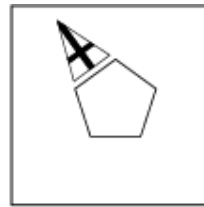
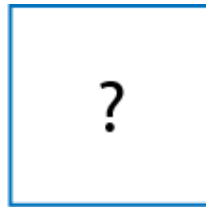
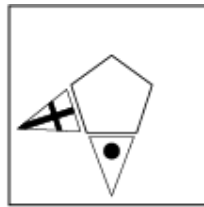
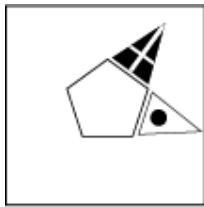
Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

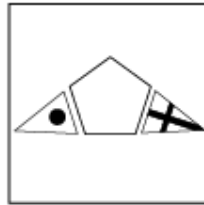
Rule 1: The arrow line in the centre rotates 45° counterclockwise each time.

Rule 2: The shaded segment moves two place clockwise each time.

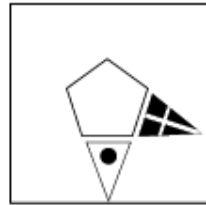
Rule 3: The shaded segment alternates between the outer and inner rings.



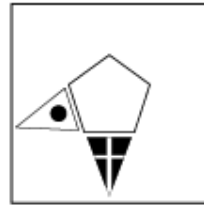
A



B



C



D



E

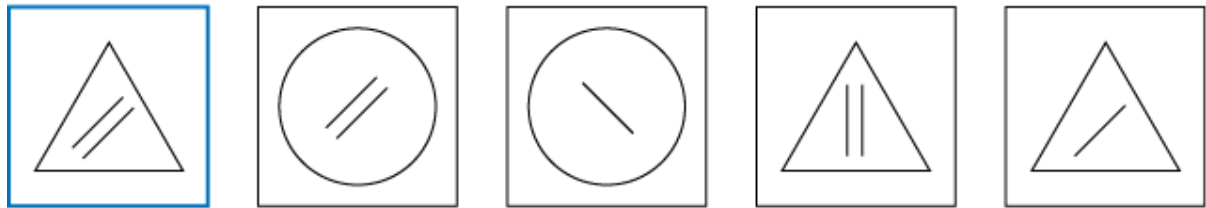
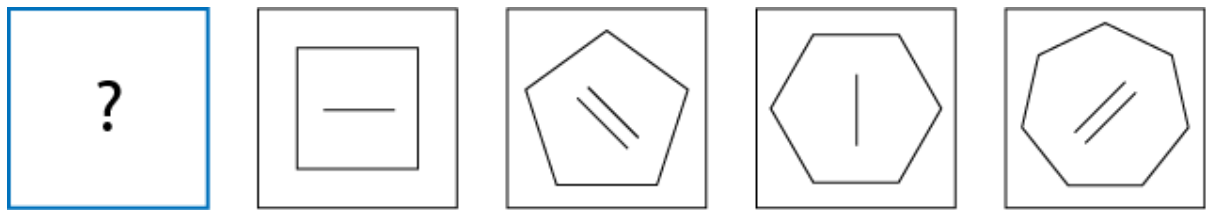
Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The crossed triangle moves two places counter clockwise each time.

Rule 2: The sections of the crossed triangle alternate between shaded and unshaded each time.

Rule 3: The circled triangle moves one place counter clockwise each time.



A

B

C

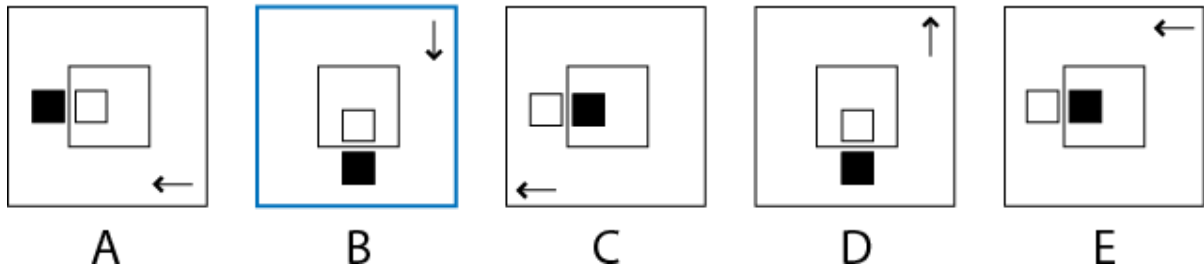
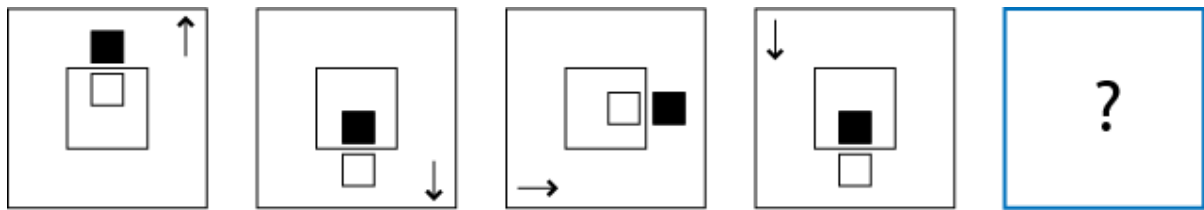
D

E

Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The total number of edges on the large shape increases by one each time.
 Rule 2: The number of lines inside the large shape alternates between two and one.
 Rule 3: The lines rotate 45° clockwise each time.



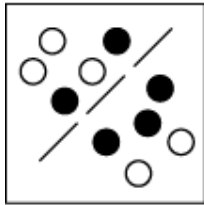
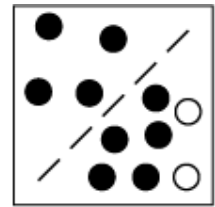
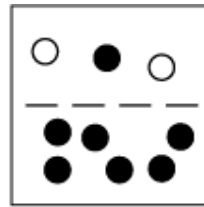
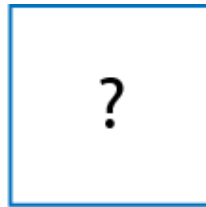
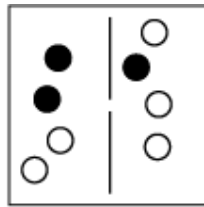
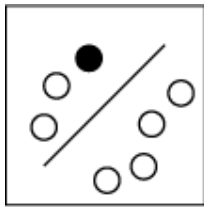
Q4 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

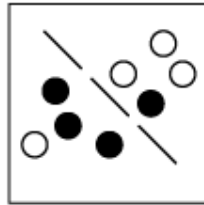
Rule 1: The arrow moves one place clockwise to the next corner each time.

Rule 2: The arrow indicates which side the small boxes are positioned.

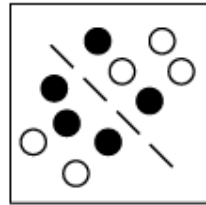
Rule 3: The small boxes outside and inside the large box alternates between shaded and unshaded.



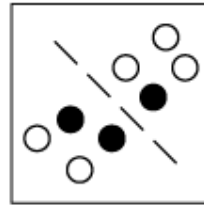
A



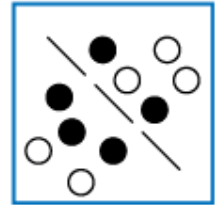
B



C



D



E

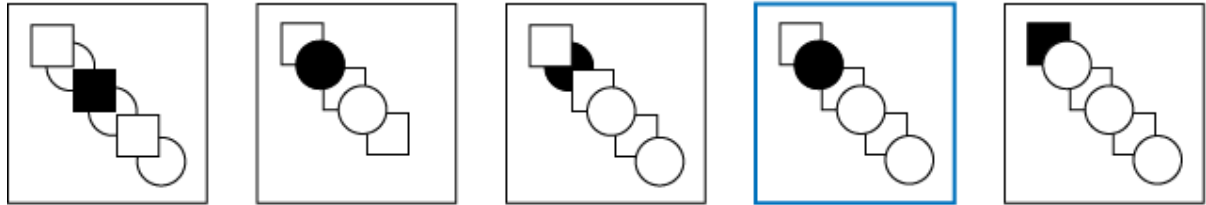
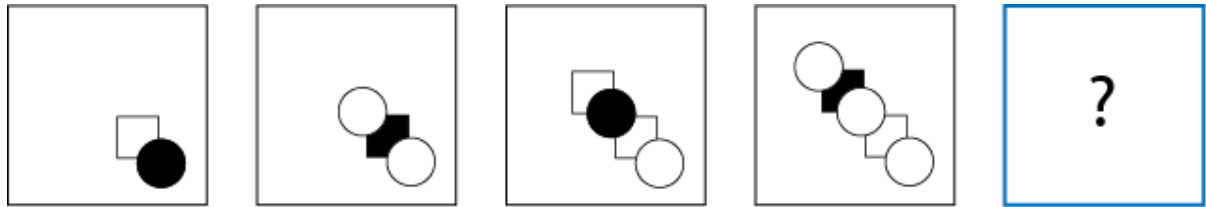
Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The dividing line rotates 45° counterclockwise each time.

Rule 2: The number of lines in the dividing line increases by one each time.

Rule 3: The total number of shaded circles increases by two each time.



A

B

C

D

E

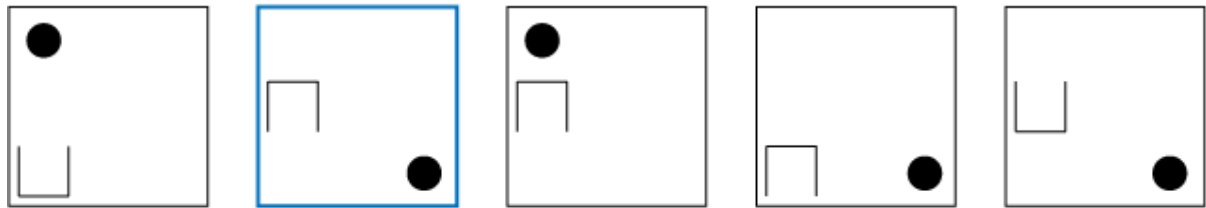
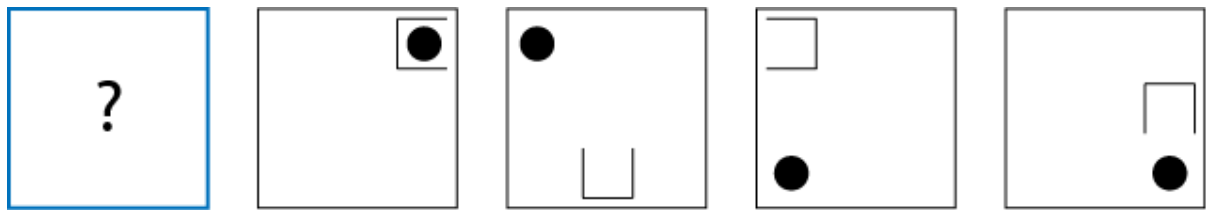
Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: A new shape is added each time, alternating between circle and square.

Rule 2: The squares are in the background, and the circles are in the foreground.

Rule 3: The shaded shape moves up one place each time.



A

B

C

D

E

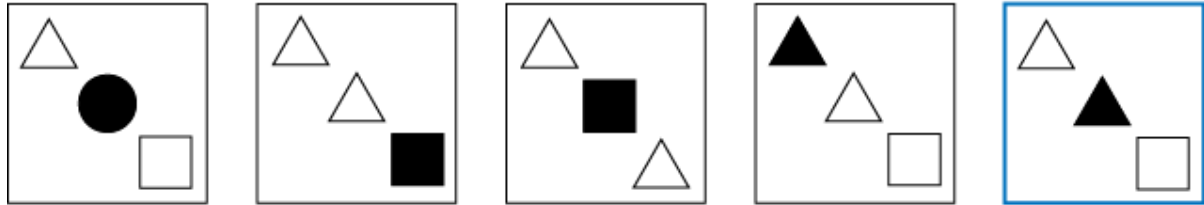
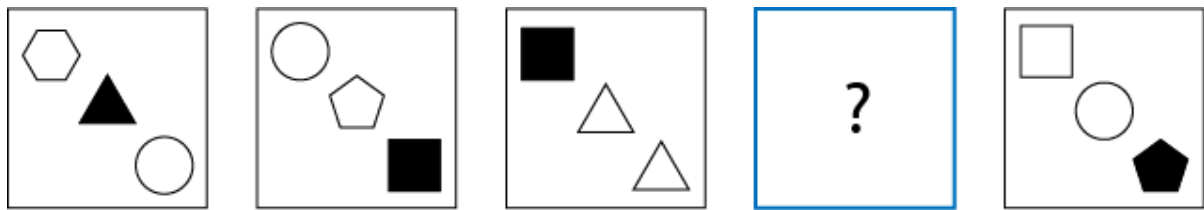
Q7 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The square moves three places clockwise around the box each time.

Rule 2: The missing edge of the square moves one place counter clockwise each time.

Rule 3: The shaded circle moves one place counter clockwise each time.



A

B

C

D

E

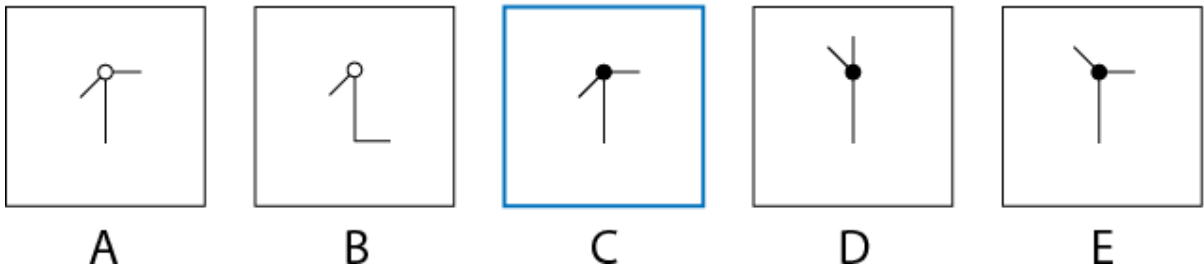
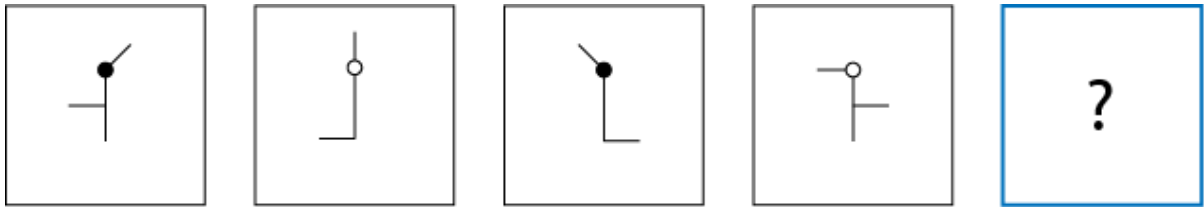
Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The shaded shape moves one place to the right each time.

Rule 2: The right hand shape becomes the left hand shape in the next box.

Rule 3: The total number of edges on the shapes is always equal to ten.



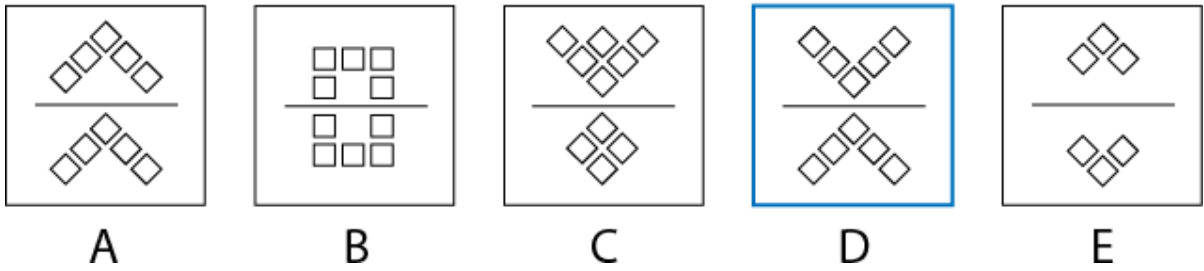
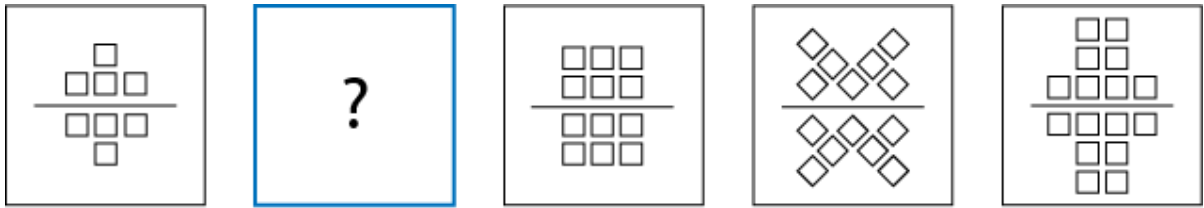
Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The top line rotates 45° counter clockwise around the circle each time.

Rule 2: The circle alternates between shaded and unshaded.

Rule 3: The horizontal line moves one place counter clockwise each time.



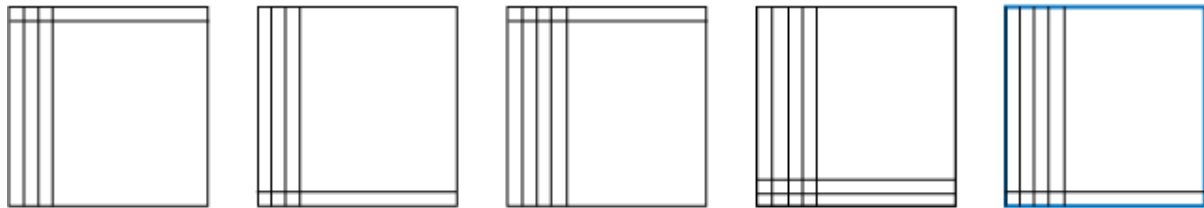
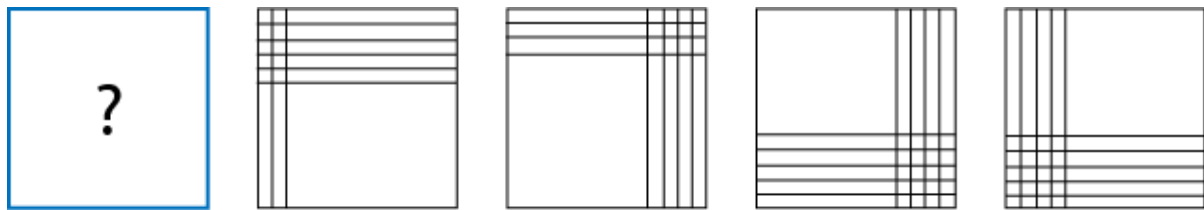
Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shapes alternate between square and diamond.

Rule 2: The total number of shapes increases by two each time.

Rule 3: The shapes are always symmetrical about the horizontal centre line.



A

B

C

D

E

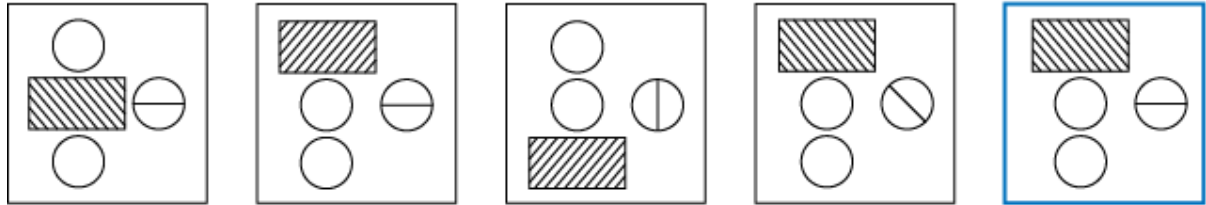
Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: Both batches of lines move one place clockwise around the box each time.

Rule 2: One batch alternates between having four and five lines.

Rule 3: The other batch of lines increases by one each time.



A

B

C

D

E

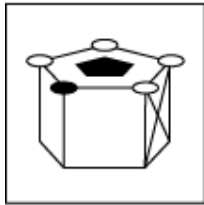
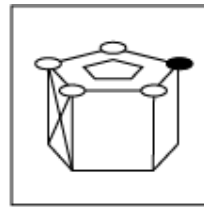
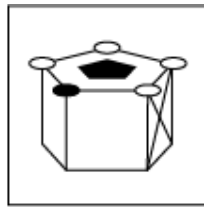
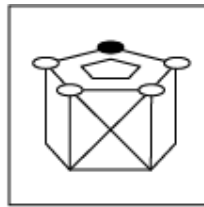
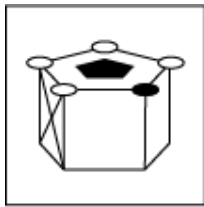
Q12 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The lines in the rectangle alternate direction each time.

Rule 2: The line in the circle rotates 45° clockwise each time.

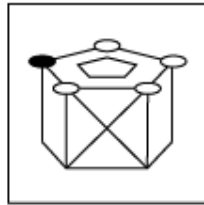
Rule 3: The rectangle alternates between being above and below the circles.



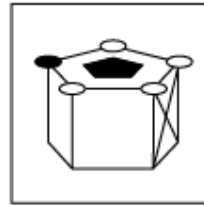
A



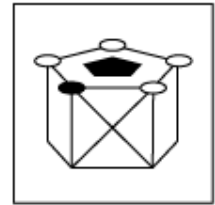
B



C



D



E

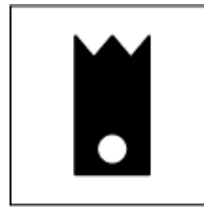
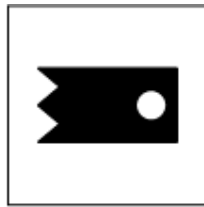
Q13 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The crossed section of the shape moves one place to the right each time and then begins again from the left.

Rule 2: The shaded circle moves two places counter clockwise each time.

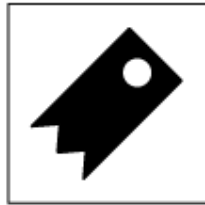
Rule 3: The small pentagon in the centre alternates between shaded and unshaded.



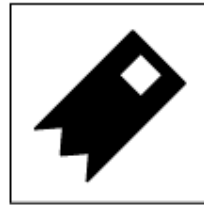
A



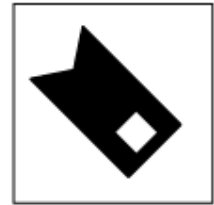
B



C



D



E

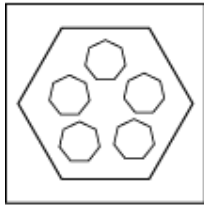
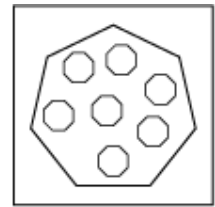
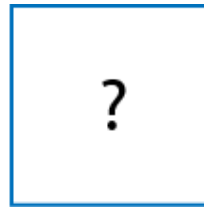
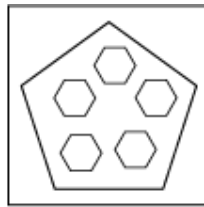
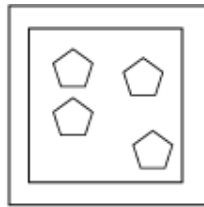
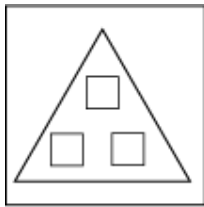
Q14 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

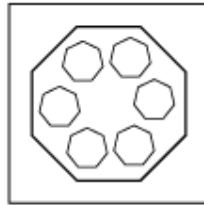
Rule 1: The ribbon rotates 45° clockwise each time.

Rule 2: The ribbon alternates between having two and three points at the bottom.

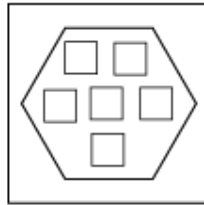
Rule 3: The small unshaded shape alternates between square and circle.



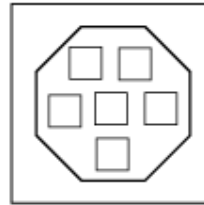
A



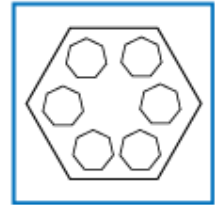
B



C



D



E

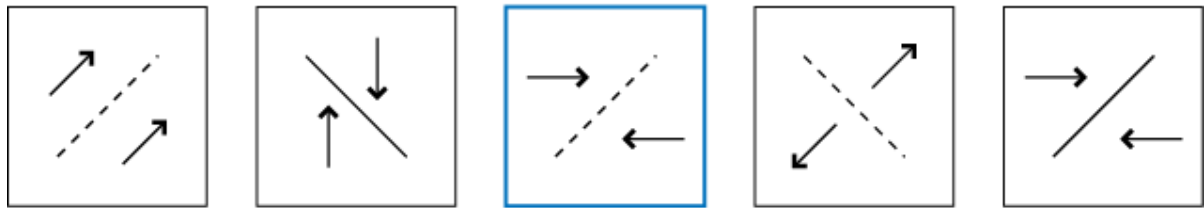
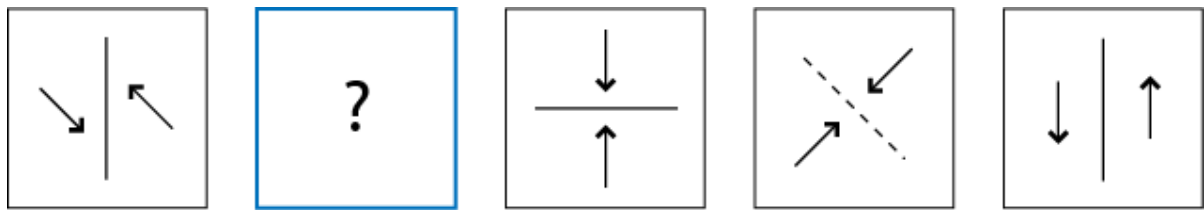
Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The total number of edges on the large shape increases by one each time.

Rule 2: The small shapes have one more edge than the large shape.

Rule 3: The total number of small shapes is equal to the total number of edges on the large shape.



A

B

C

D

E

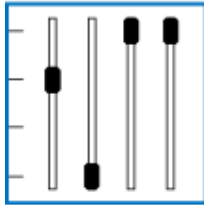
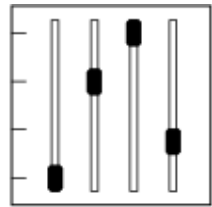
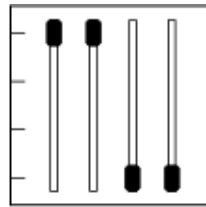
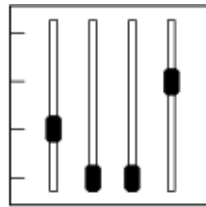
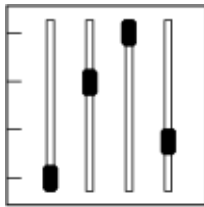
Q16 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

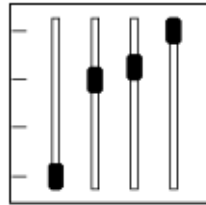
Rule 1: The centre line rotates 45° clockwise each time.

Rule 2: The centre line alternates between solid and broken.

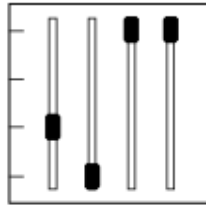
Rule 3: The arrows always point in opposite directions.



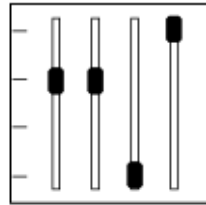
A



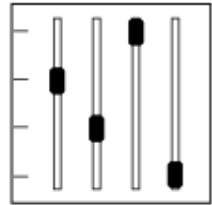
B



C



D



E

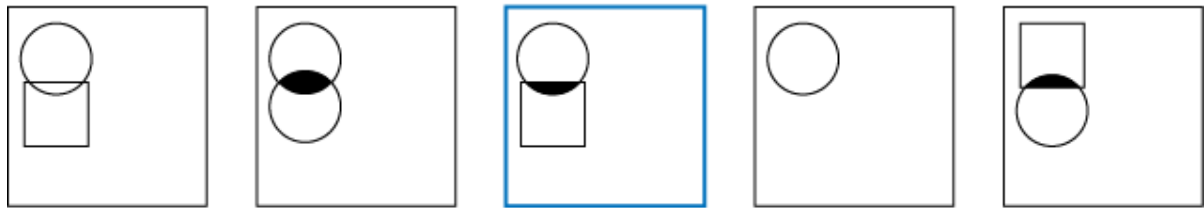
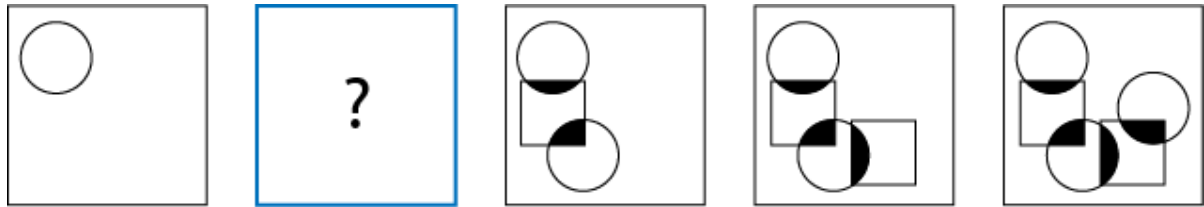
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The first and fourth bar moves up one place each time.

Rule 2: The second bar moves down one place each time.

Rule 3: The third bar alternates between top and bottom.



A

B

C

D

E

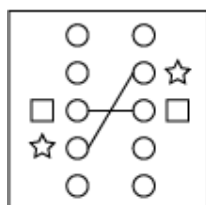
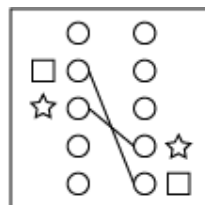
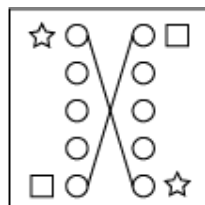
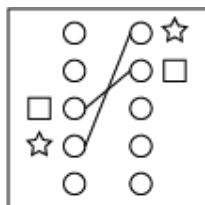
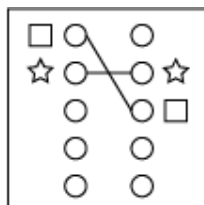
Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

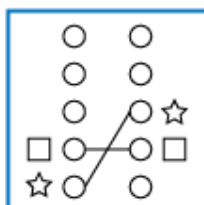
Rule 1: A new shape is added each time.

Rule 2: The new shape alternates between a square and a circle.

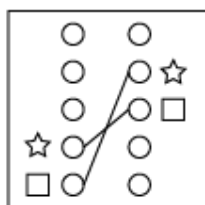
Rule 3: The overlapping sections of the shapes are shaded.



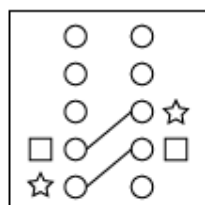
A



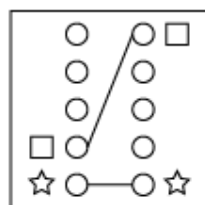
B



C



D



E

Q19 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The left side square and star move down two places each time.

Rule 2: The right sided square and star move up on place each time.

Rule 3: The circles next to the squares are linked, and the circles next to the stars are linked.



A

B

C

D

E

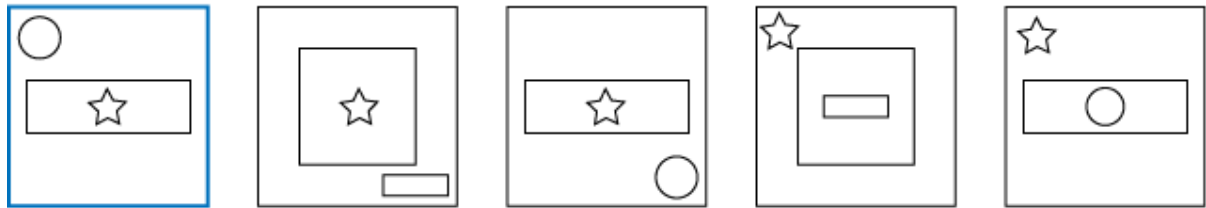
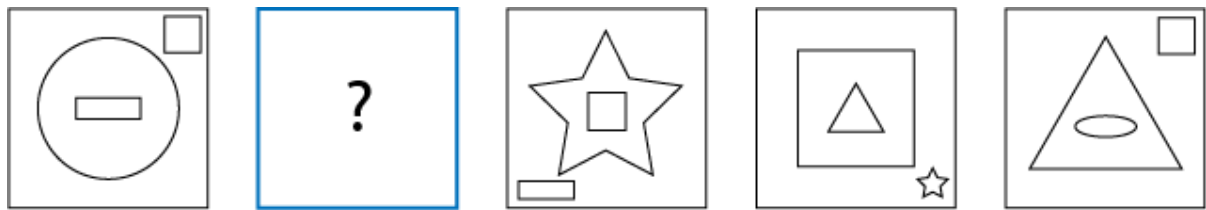
Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The shaded bar moves one place counter clockwise around the box each time.

Rule 2: The parallel lines in the circle rotate 45° counter clockwise each time.

Rule 3: The circle ring alternates between shaded and unshaded.



A

B

C

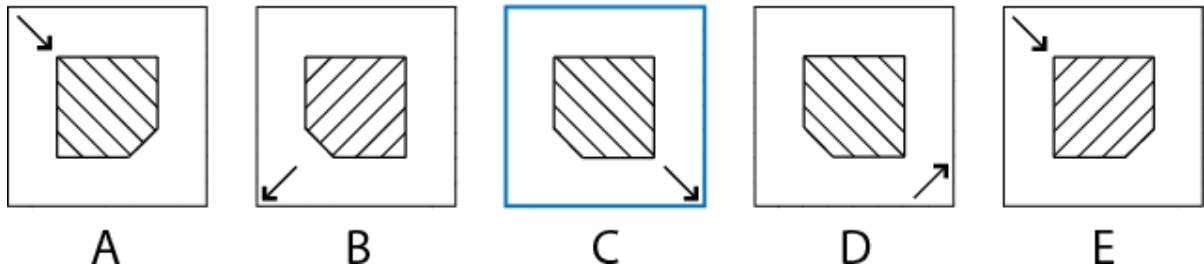
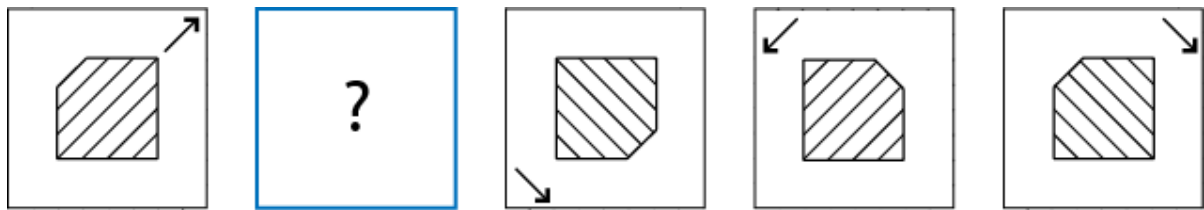
D

E

Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The small centre shape becomes the large shape of the next box.
 Rule 2: The large shape becomes the small corner shape of the next box.
 Rule 3: The corner shape moves one place counter clockwise each time.



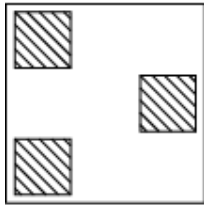
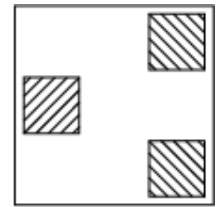
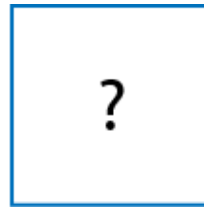
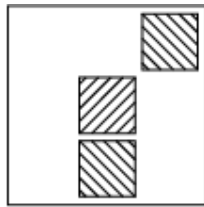
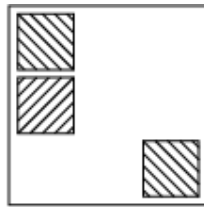
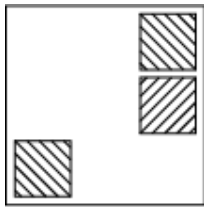
Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

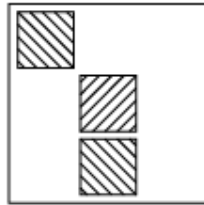
Rule 1: The missing corner of the square moves one place counter clockwise each time.

Rule 2: The arrow moves one place clockwise each time.

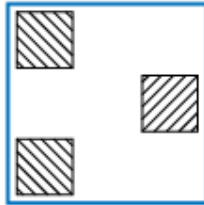
Rule 3: The arrow indicates the orientation of the lines.



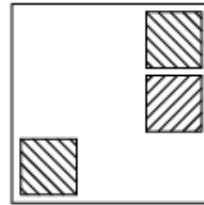
A



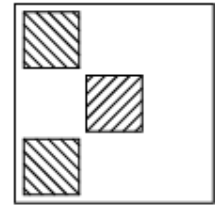
B



C



D



E

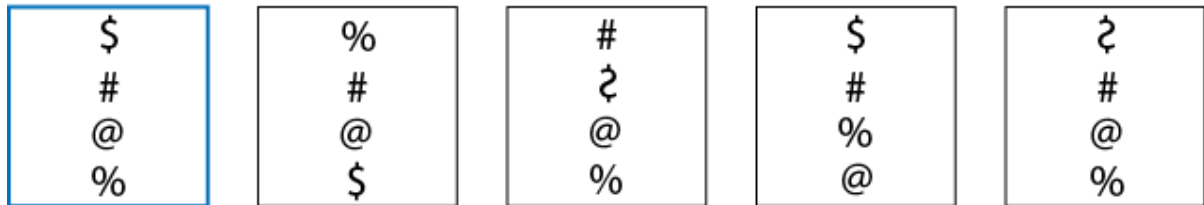
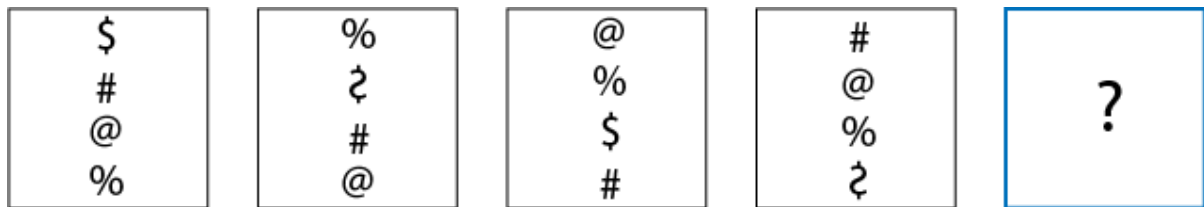
Q23 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The top square alternates between being on the left and right.

Rule 2: The middle box moves one place to the right each time.

Rule 3: The bottom box moves one place to the left each time.



A

B

C

D

E

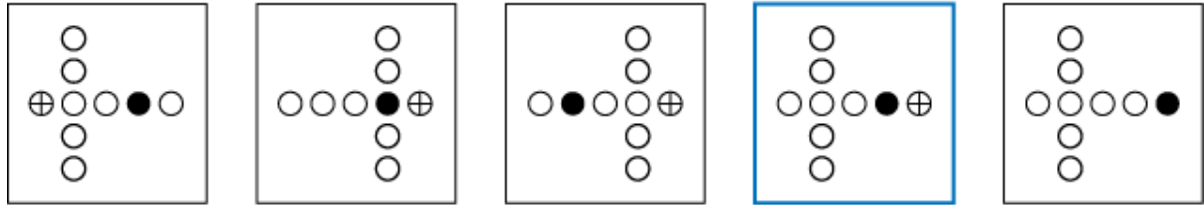
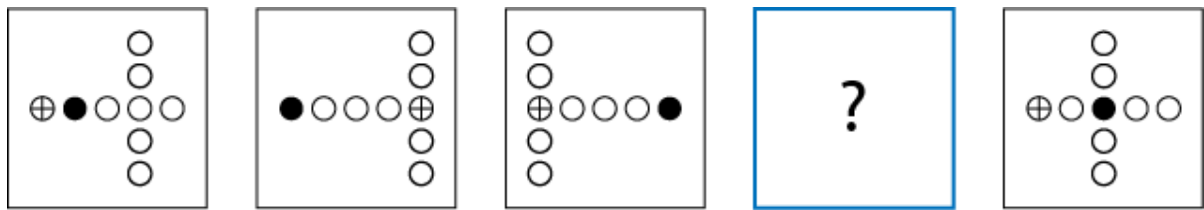
Q24 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The bottom symbol becomes the top symbol of the next box.

Rule 2: The remaining symbols moves down one place each time.

Rule 3: The '\$' symbol alternates between facing right and left.



A

B

C

D

E

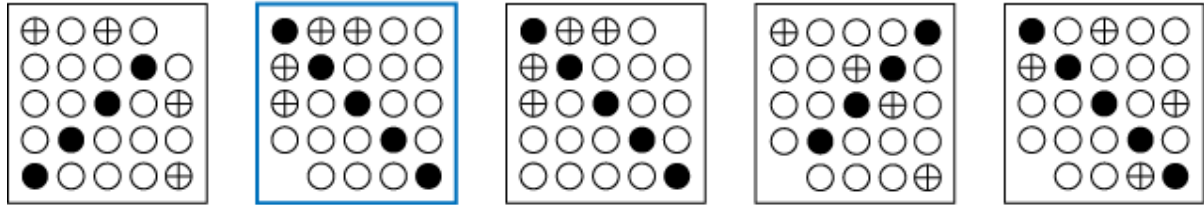
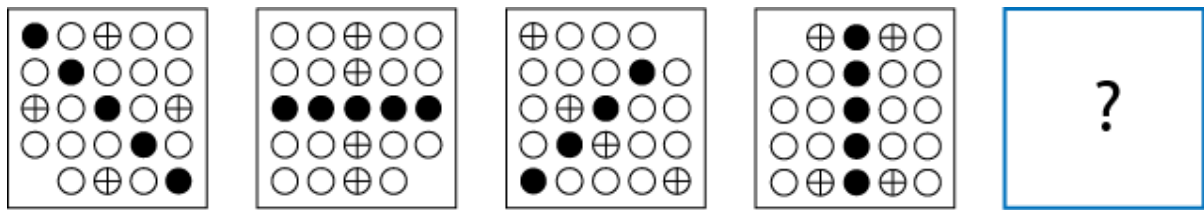
Q25 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The shaded circle moves one place to the left each time.

Rule 2: The crossed circle alternates between the left and rightmost circles.

Rule 3: The vertical column of circles moves one place to the right each time.



A

B

C

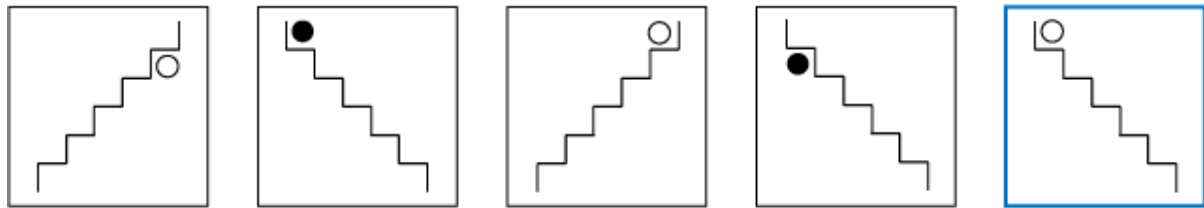
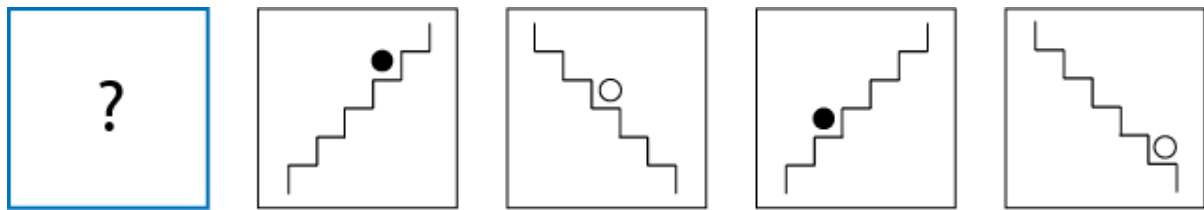
D

E

Q26 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

Rule 1: The row of shaded circles rotates 45° counter clockwise each time.
 Rule 2: The crossed circles are always symmetrical about the shaded row.
 Rule 3: The missing corner circle moves one place counter clockwise each time.



A

B

C

D

E

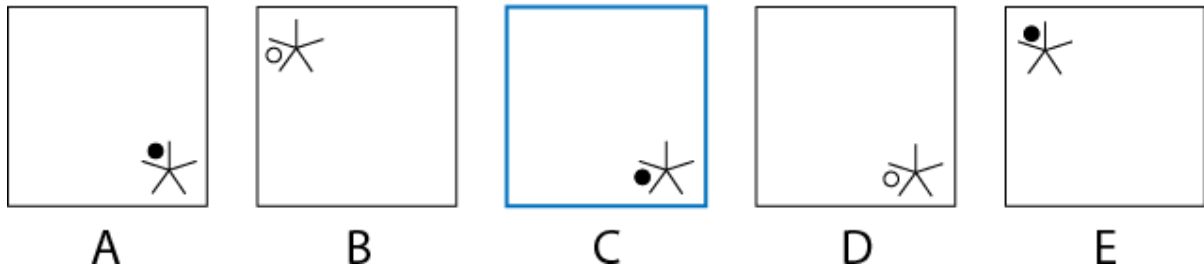
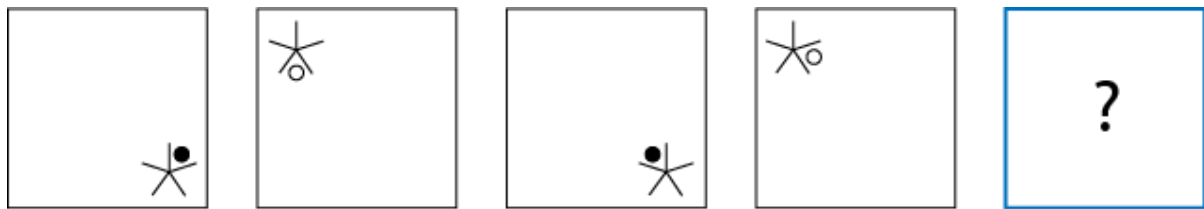
Q27 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

Rule 1: The staircase alternates between pointing NW-SE and NE-SW.

Rule 2: The circle moves down one step each time.

Rule 3: The circle alternates between unshaded and shaded.



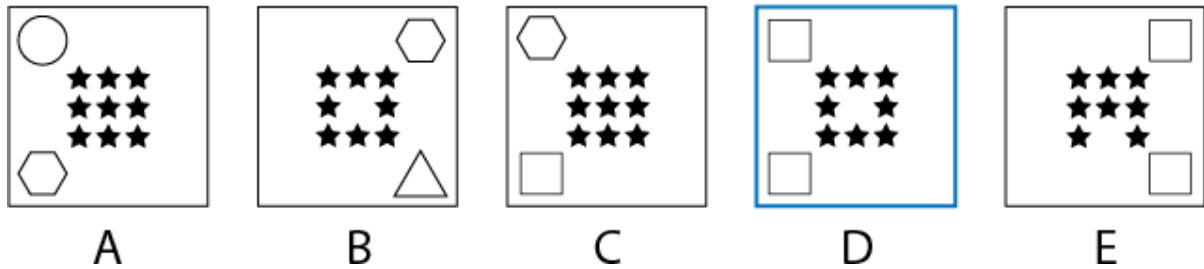
Q28 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

Rule 1: The symbol alternates between the bottom right and the top left hand corner.

Rule 2: The circle moves two place clockwise around the star each time.

Rule 3: The circle alternates between shaded and unshaded.



Q29 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

Rule 1: The total number of stars decreases by one each time.

Rule 2: The total number of edges on the unshaded shapes is equal to the total number of stars.

Rule 3: The unshaded shapes moves one place counter clockwise to the next corner each time.



A

B

C

D

E

Q30 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Rule 1: The outer shape moves one place clockwise to the next corner each time.
 Rule 2: The outer shape alternates between unshaded and shaded.
 Rule 3: The padlock opens when the outer shape is the same as the padlock shape.

-- End of Test --

ABSTRACT REASONING TEST 10

Instructions

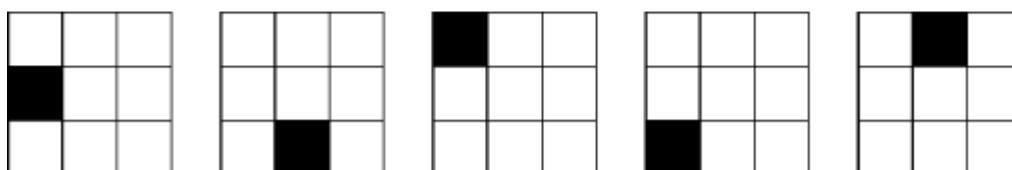
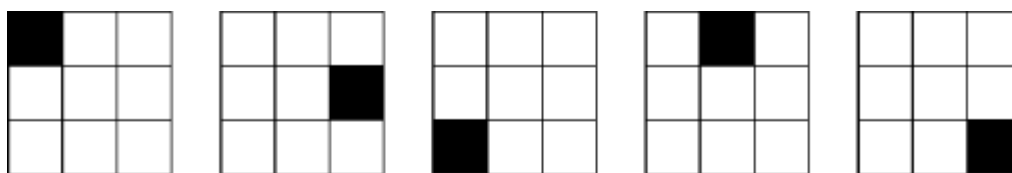
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

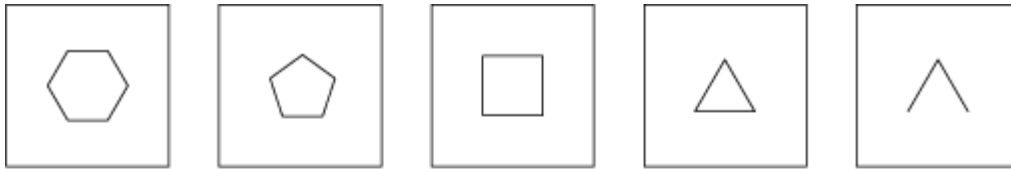
E

Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

One Rule: Each step, the shaded square moves 3 squares clockwise round the edge of the figure.



A

B

C

D

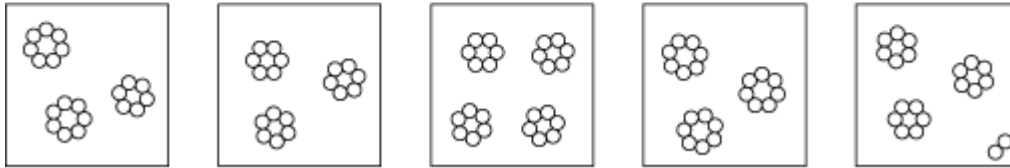
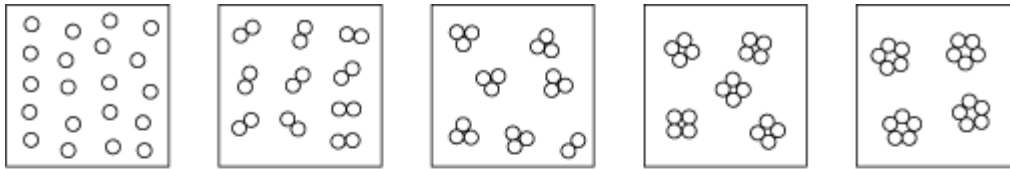
E

Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The shape in the centre comprises 1 fewer straight line every time.



A

B

C

D

E

Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The number of circles that are grouped together increases by one every time, with the final group containing all the circles that do not fit into a whole group.



A

B

C

D

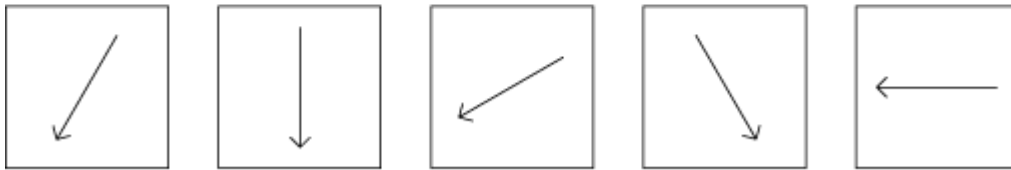
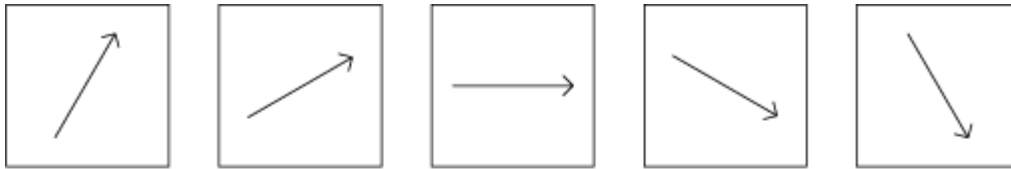
E

Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

One Rule: The door moves to the right, centre, left then centre, always in line with the window immediately above it, and then the pattern repeats.



A

B

C

D

E

Q5 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

One Rule: The direction of the arrow rotates by 30° each time.



A

B

C

D

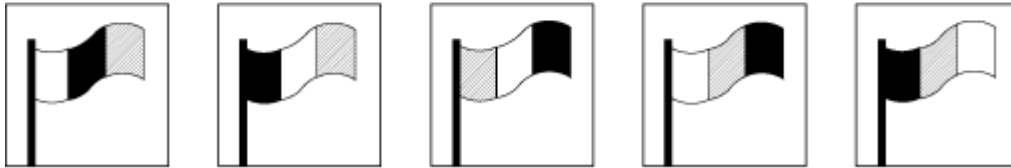
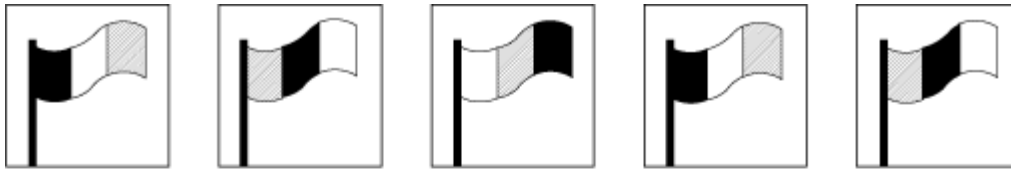
E

Q6 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

One Rule: The matchstick giraffe visits the corners in the order top left, top right, bottom left, bottom right. The sequence then repeats.



A

B

C

D

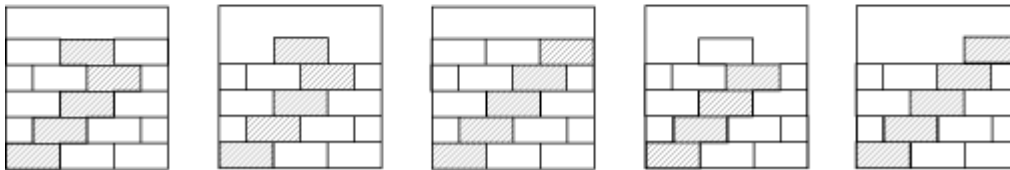
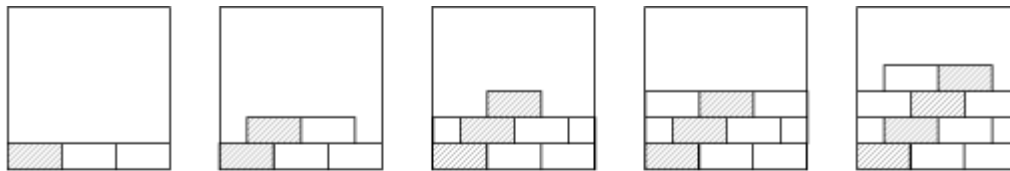
E

Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

First Rule: The shading type furthest from the flagpole on one figure becomes the shading closest to the flagpole on the next figure, and every other form of shading moves one band to the right.



A

B

C

D

E

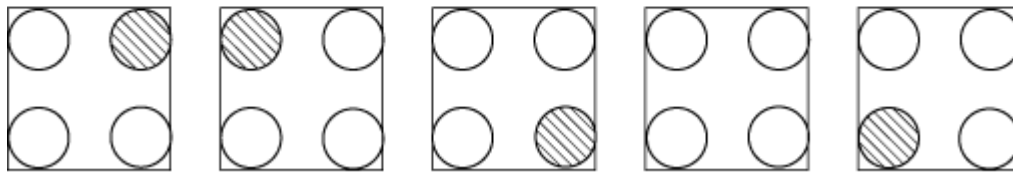
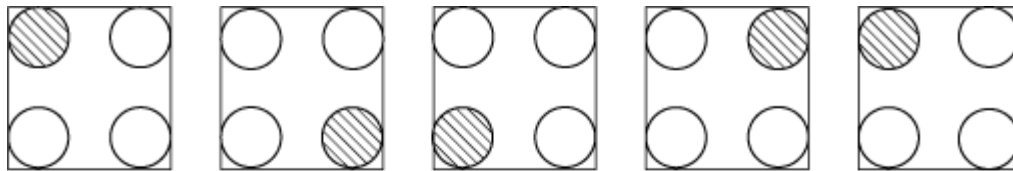
Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

First Rule: Two bricks are added each time, starting from the centre and working outwards. Each row is completed before the next is started, and addition of two half bricks counts as adding one whole brick.

Second Rule: Bricks on the bottom left to top right diagonal have upward sloping cross-hatching.



A

B

C

D

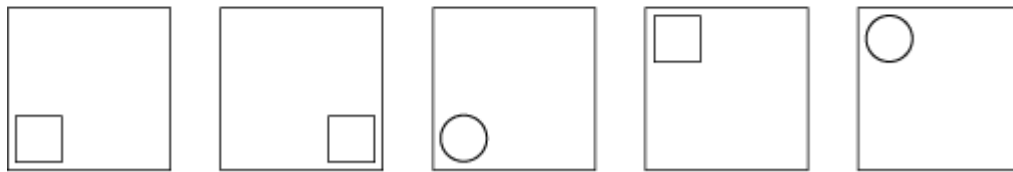
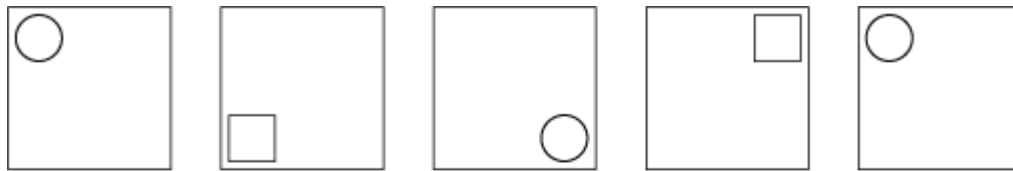
E

Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

One Rule: The downward sloping cross-hatching follows the sequence top left circle, bottom right circle, bottom left circle, top right circle. This sequence then repeats.



A

B

C

D

E

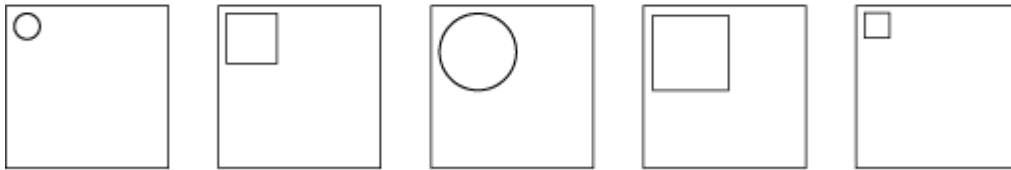
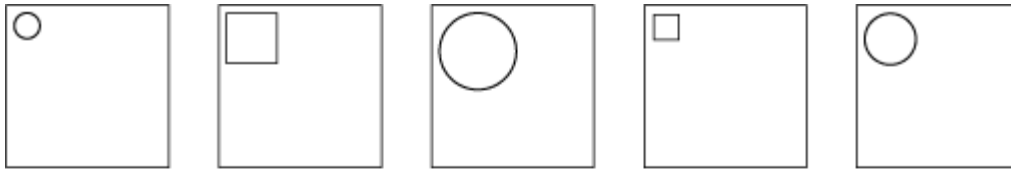
Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A.

Rule 1: The shapes move one corner anticlockwise each time.

Rule 2: The shapes alternate between circle and square



A

B

C

D

E

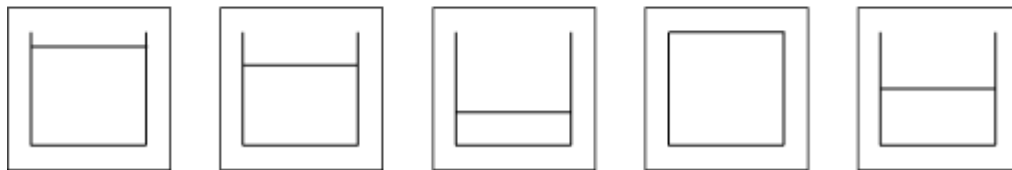
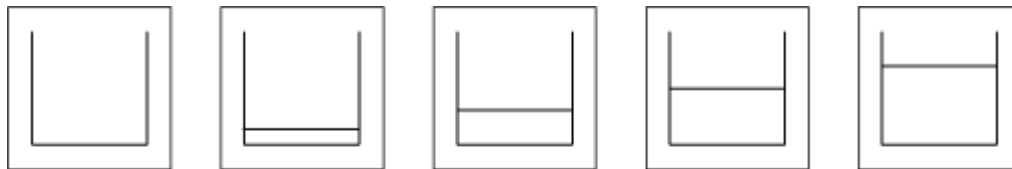
Q11 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D.

Rule 1: The shapes grow small, medium, then large, then start again.

Rule 2: The shapes alternate between circle and square



A

B

C

D

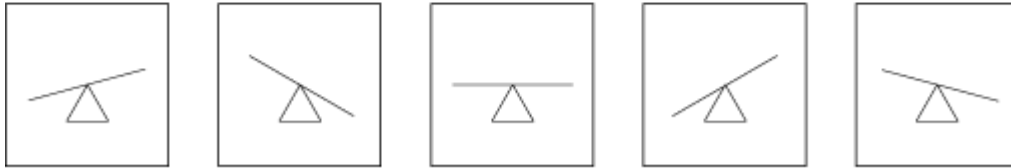
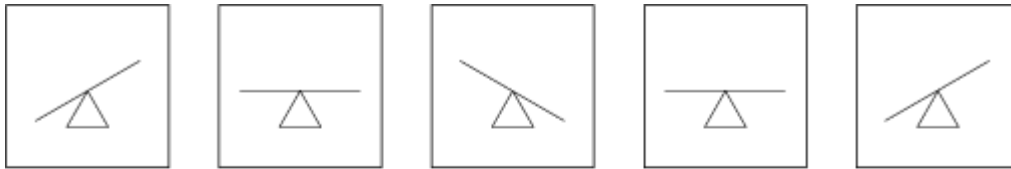
E

Q12 What comes next in the sequence

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

One Rule: The level of the liquid in the container rises by a consistent amount every time.



A

B

C

D

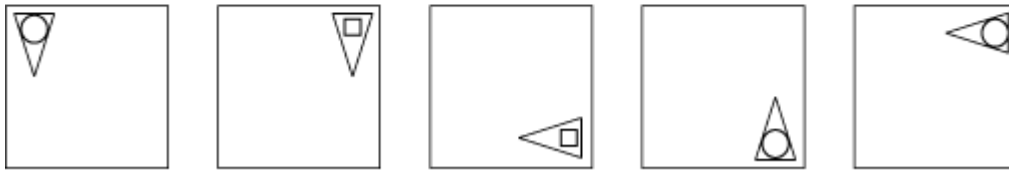
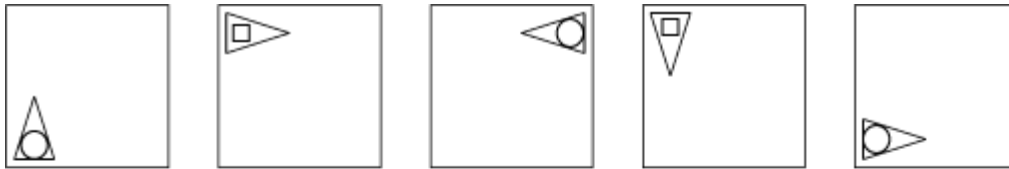
E

Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

One Rule: The scales are tipped fully to the left, then straight, then tipped fully to the right, then straight. This sequence then repeats.



A

B

C

D

E

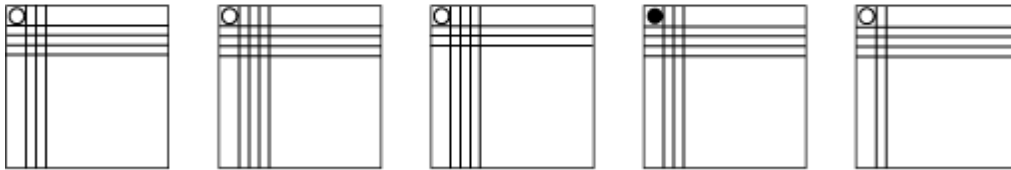
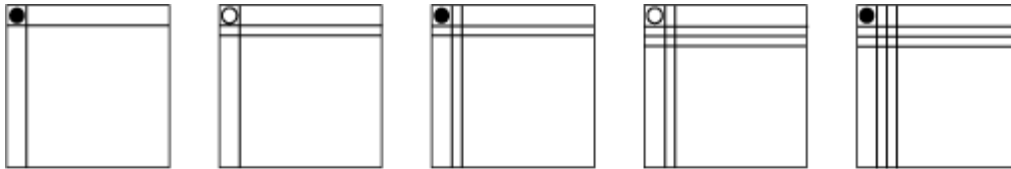
Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C.

Rule 1: The position of the shapes in the current item is determined by the direction the triangle is pointing in the previous item. There is no rule to determine the direction of the arrow in the current item, only its position.

Rule 2: The shape inside the triangle alternates between a circle and a square.



A

B

C

D

E

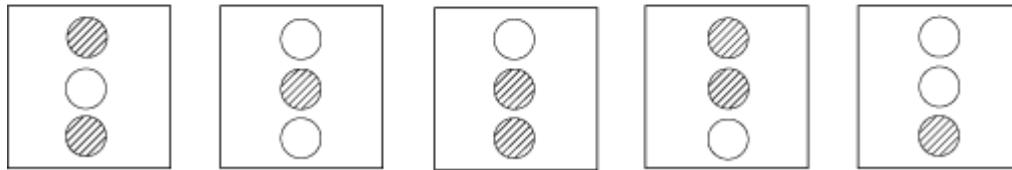
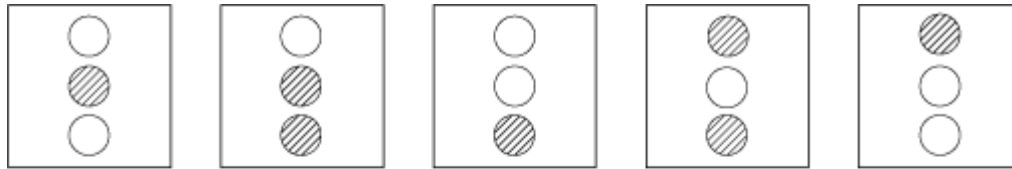
Q15 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A.

Rule 1: The number of lines increases by one each time, alternating between adding a horizontal line, then a vertical.

Rule 2: The circle in the top left corner alternates between shaded and clear.



A

B

C

D

E

Q16 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

One Rule: The cross-hatching alternates between being applied to the circle below the shaded one (wrapping round to the top when no circle is available below) and removed from the circle that has had the cross-hatching for two consecutive figures.



A

B

C

D

E

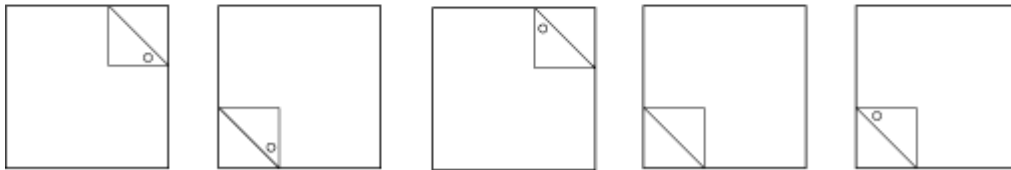
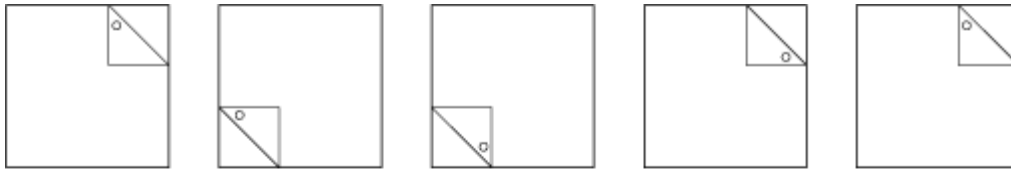
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C.

Rule 1: The number of stars in the top right predicts how many horizontal lines will be in the next box.

Rule 2: The circle alternates with a triangle.



A

B

C

D

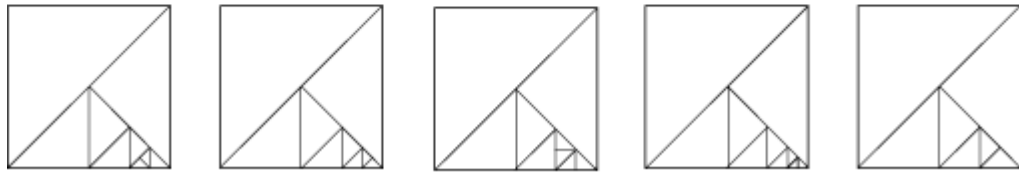
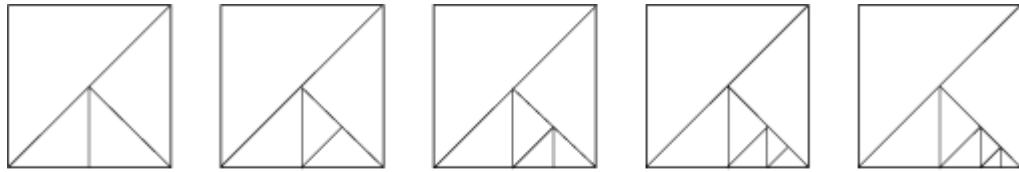
E

Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The triangle with a dot in one corner alternates between mirrored in a diagonal from the top left of the figure to the bottom right and mirrored in a diagonal from the top right of the figure to the bottom left.



A

B

C

D

E

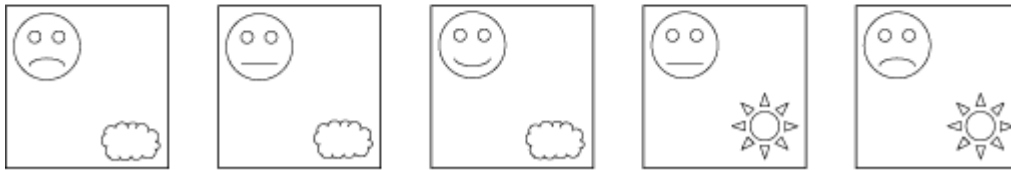
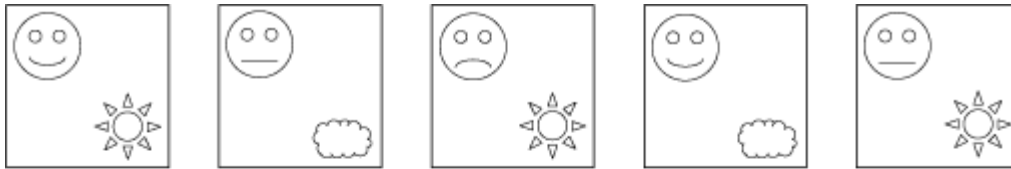
Q19 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

One Rule:

Every time, the small triangle nearest the bottom right corner is split into two equal triangles of the same proportions.



A

B

C

D

E

Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A.

Rule 1: The face changes in sequence from smiley to ambivalent to frowning.

Rule 2: The weather symbol alternates between sun and cloud.



A

B

C

D

E

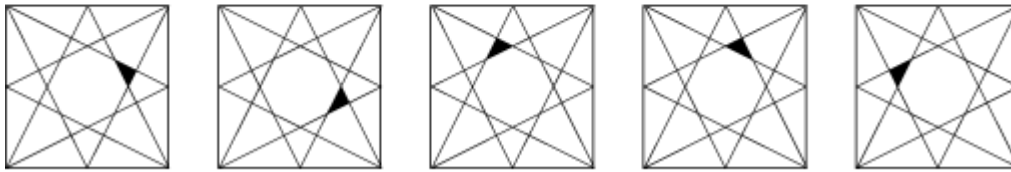
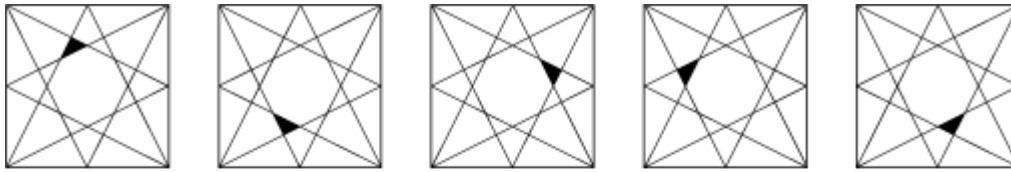
Q21 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D.

Rule 1: The nose changes in sequence from hook to oval to none.

Rule 2: The eyes look towards the flower.



A

B

C

D

E

Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

One Rule:

The shading of the small triangles moves 3 triangles anti-clockwise each time.

-- End of Test --

ABSTRACT REASONING TEST 11

Instructions

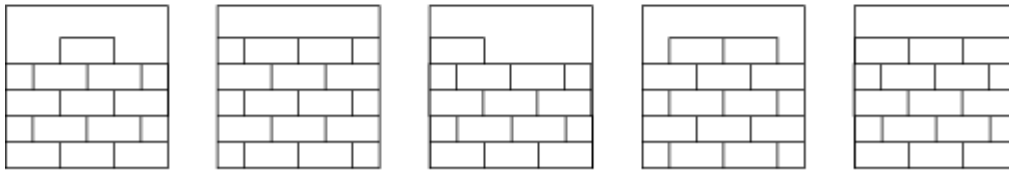
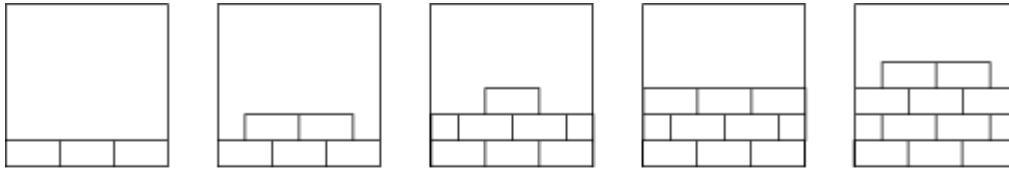
This inductive reasoning test comprises **30 questions** and you will have **25 minutes** in which to correctly answer as many as you can.

In each question you will be presented with a logical sequence of five figures. You will need to determine which of the possible answers best matches the next figure in the sequence, or which replaces the question mark.

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test. **The test will start on the next page.**



A

B

C

D

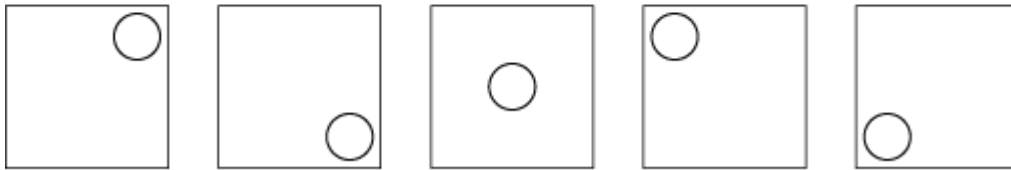
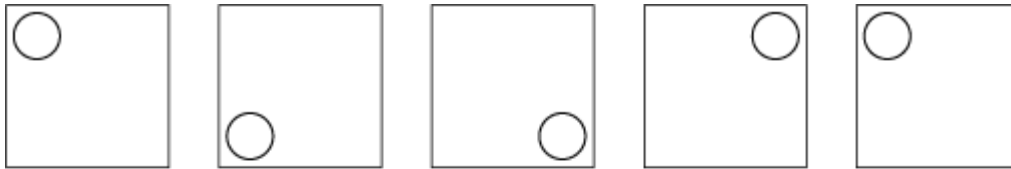
E

Q1 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

One Rule: Two bricks are added each time, starting from the centre and working outwards. Each row is completed before the next is started, and addition of two half bricks counts as adding one whole brick.



A

B

C

D

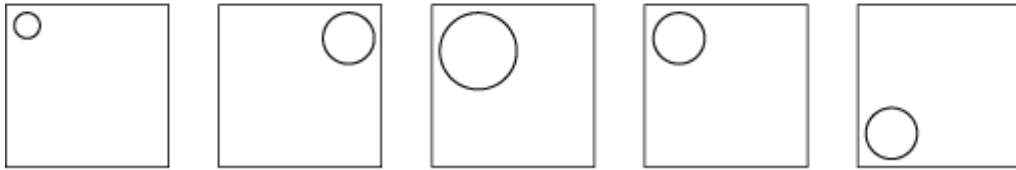
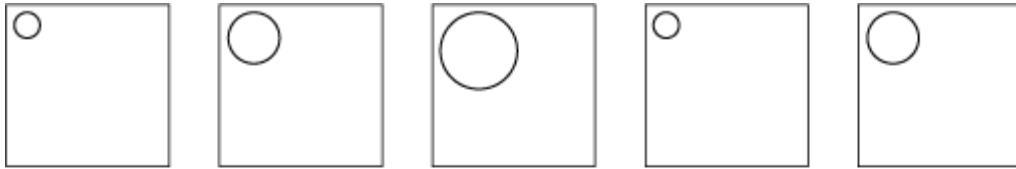
E

Q2 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The shapes move one corner anticlockwise each time.



A

B

C

D

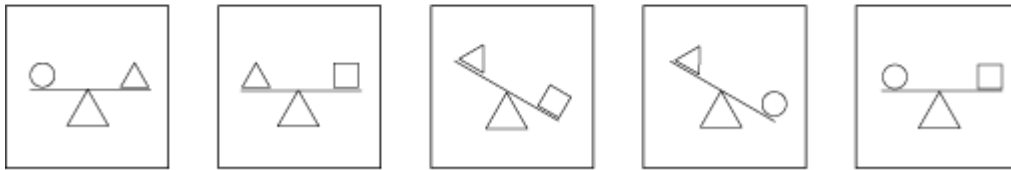
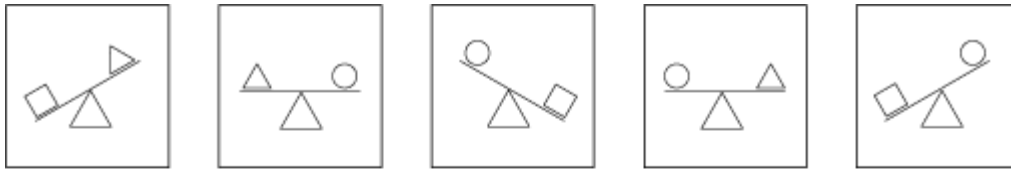
E

Q3 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

One Rule: The shapes grow small, medium, then large, then start again



A

B

C

D

E

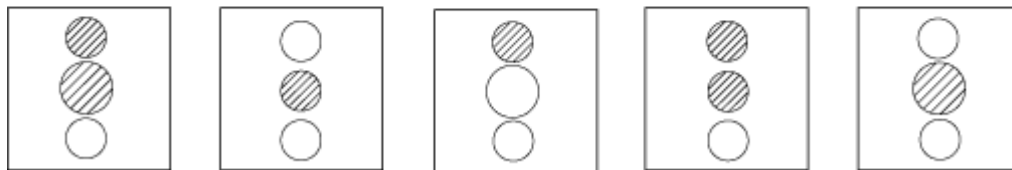
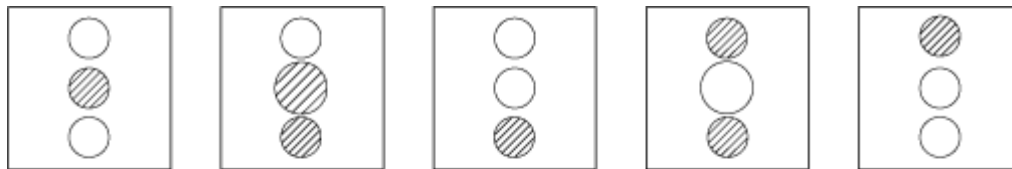
Q4 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

First Rule: The scales are tipped fully to the left, then straight, then tipped fully to the right, then straight. This sequence then repeats.

Second Rule: Squares weigh more than triangles and circles, which weigh the same as each other.



A

B

C

D

E

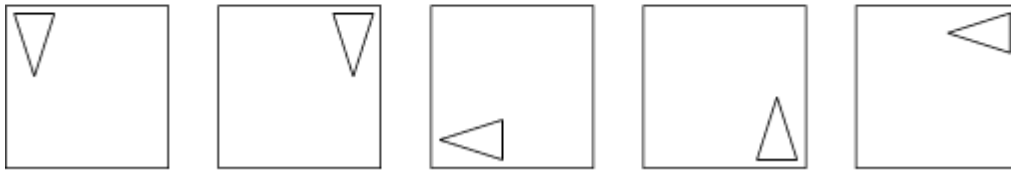
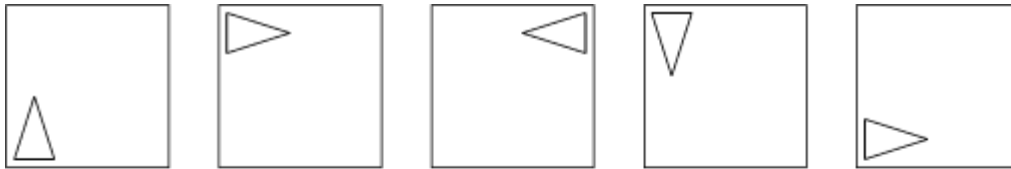
Q5 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

First Rule: The cross-hatching alternates between being applied to the circle below the shaded one (wrapping round to the top when no circle is available below) and removed from the circle that has had the cross-hatching for two consecutive figures.

Second Rule: The middle circle alternates between being the same size as the other two and being bigger than both of them.



A

B

C

D

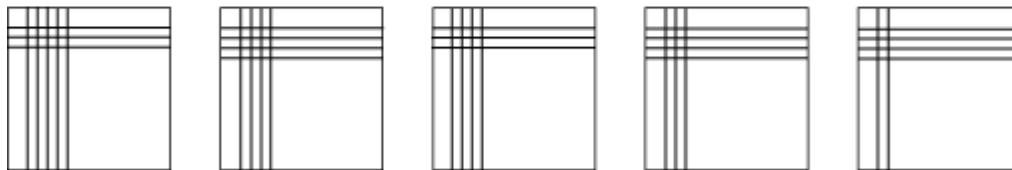
E

Q6 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

One Rule: The position of the shapes in the current item is determined by the direction the triangle is pointing in the previous item. There is no rule to determine the direction of the arrow in the current item, only its position.



A

B

C

D

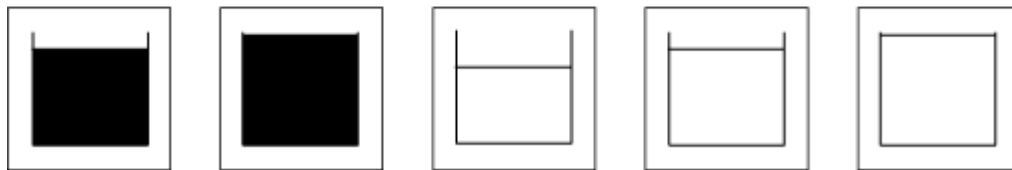
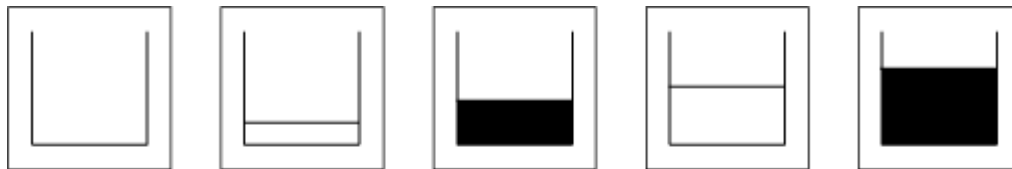
E

Q7 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D.

One Rule: The number of lines increases by one each time, alternating between adding a horizontal line, then a vertical.



A

B

C

D

E

Q8 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

First Rule: The level of the liquid in the container rises by a consistent amount every time.

Second Rule: The liquid alternates between being light and dark (with the liquid in the first image being dark but non-visible).



A

B

C

D

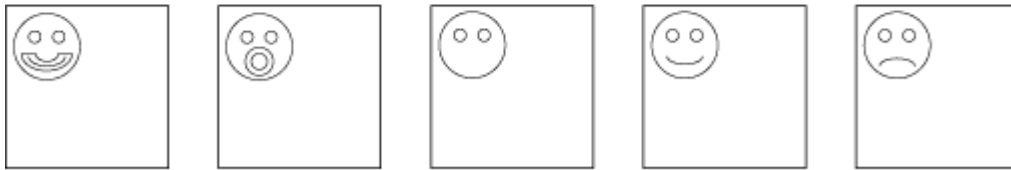
E

Q9 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A.

One Rule: The number of stars in the top right determines how many horizontal lines will be in the next box.



A

B

C

D

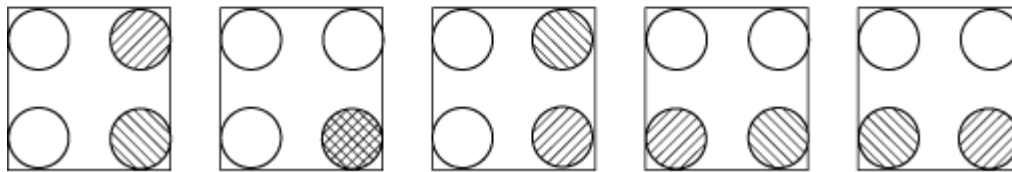
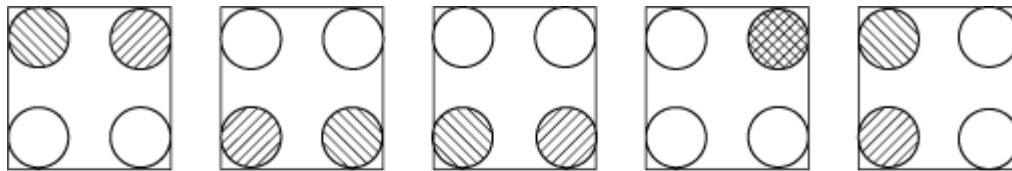
E

Q10 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The face changes in sequence from smiley to ambivalent to frowning.



A

B

C

D

E

Q11 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

First Rule: The downward sloping cross-hatching follows the sequence top left circle, bottom right circle, bottom left circle, top right circle. This sequence then repeats.

Second Rule: The upward sloping cross-hatching follows the sequence top right circle, bottom left circle, bottom right circle. This sequence then repeats.



A

B

C

D

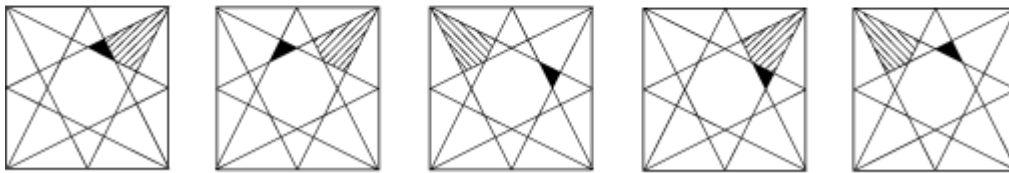
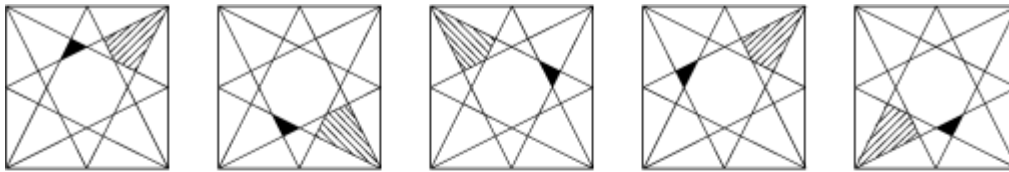
E

Q12 What comes next in the sequence

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

One Rule: The nose changes in sequence from hook to oval to none.



A

B

C

D

E

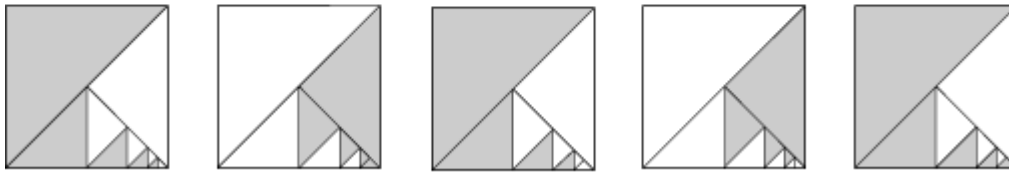
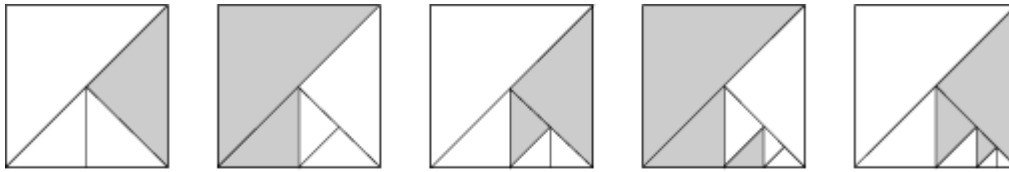
Q13 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

First Rule: The shading of the small triangles moves 3 triangles anti-clockwise each time.

Second Rule: The cross-hatching on the kite shapes near the corners of the figure, which is always in the direction of the nearest corner, moves clockwise, alternating between moving one shape and moving two.



A

B

C

D

E

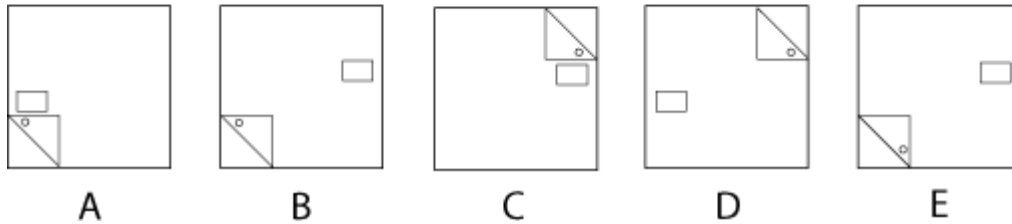
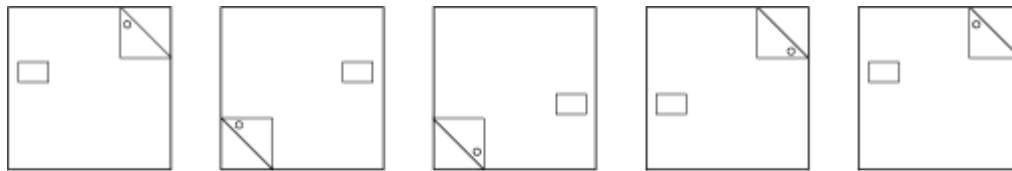
Q14 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

First Rule: Every time, the small triangle nearest the bottom right corner is split into two equal triangles of the same proportions.

Second Rule: The two, newly created, smallest triangles are always unshaded. The rest alternate between being shaded and unshaded in each image.



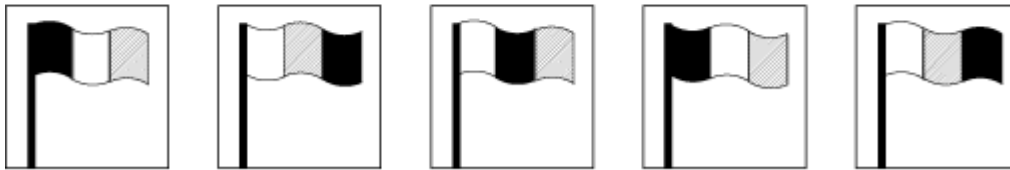
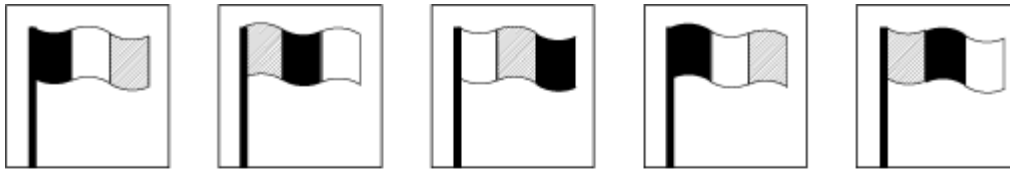
Q15 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

First Rule: The triangle with a dot in one corner alternates between mirrored in a diagonal from the top left of the figure to the bottom right and mirrored in a diagonal from the top right of the figure to the bottom left.

Second Rule: The rectangle alternates between being mirrored vertically and mirrored horizontally.



A

B

C

D

E

Q16 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

First Rule: The shading type furthest from the flagpole on one figure becomes the shading closest to the flagpole on the next figure, and every other form of shading moves one band to the right.

Second Rule: The flag alternates between the wave going down first and the wave going up first.



A

B

C

D

E

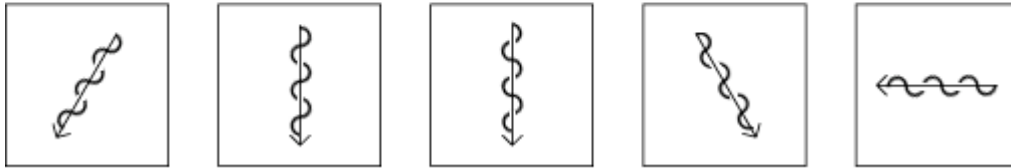
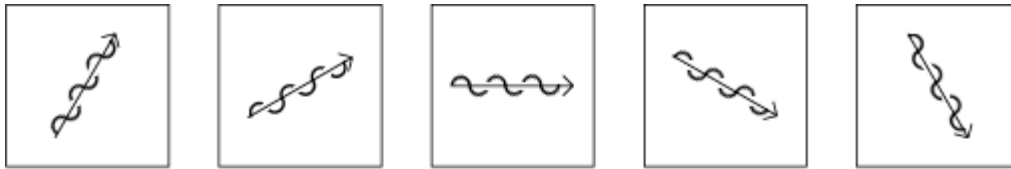
Q17 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

First Rule: The matchstick giraffe visits the corners in the order top left, top right, bottom left, bottom right. The sequence then repeats.

Second Rule: The matchstick giraffe faces right when it is at the top and left when it is at the bottom. Or Right, Right, Left, Left, Right....



A

B

C

D

E

Q18 What comes next in the sequence?

- (A) A
- (B) B
- (C) C**
- (D) D
- (E) E

The correct answer is C

First Rule: The direction of the arrow rotates by 30° each time.

Second Rule: Following it in the direction of the arrow, the wavy line alternates between crossing in front of the straight line first and crossing behind it first.



A

B

C

D

E

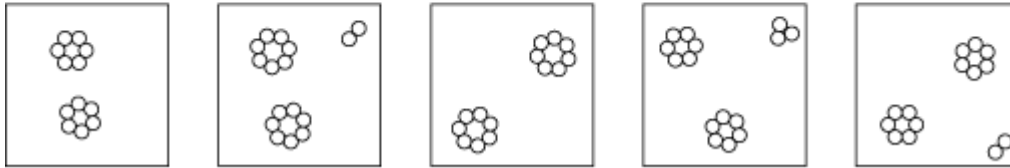
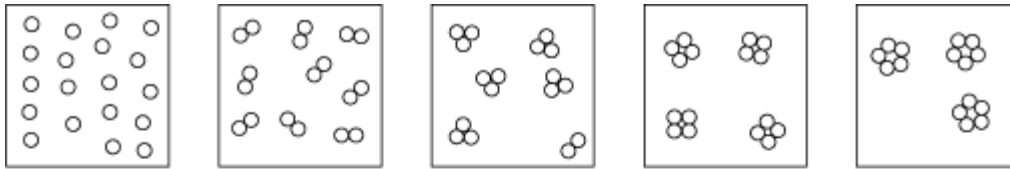
Q19 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

The correct answer is A

First Rule: The door moves to the right, centre, left then centre, always in line with the window immediately above it, and then the pattern repeats.

Second Rule: First only upper storey windows are leaded, then only the lower storey windows are leaded, then all windows are leaded. This pattern then repeats.



A

B

C

D

E

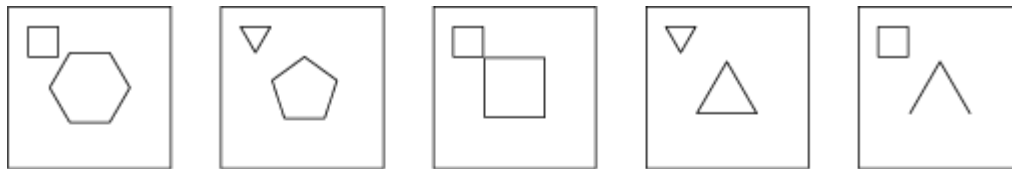
Q20 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E**

The correct answer is E

First Rule: The number of circles that are grouped together increases by one every time, with the final group containing all the circles that do not fit into a whole group.

Second Rule: One circle is removed every time.



A

B

C

D

E

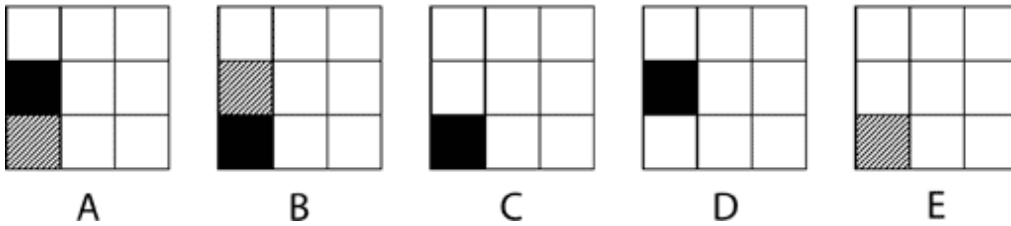
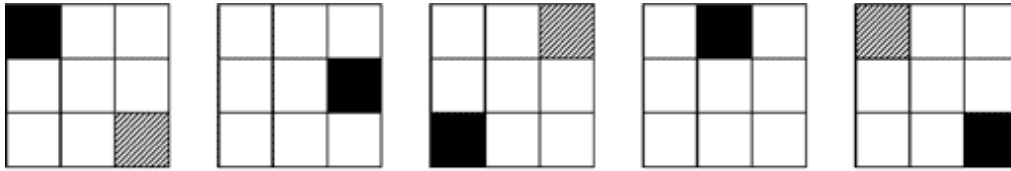
Q21 What comes next in the sequence?

- (A) A
- (B) B**
- (C) C
- (D) D
- (E) E

The correct answer is B

First Rule: The shape in the centre comprises 1 fewer straight line every time.

Second Rule: The shape in the top left alternates between being a triangle and being a square.



Q22 What comes next in the sequence?

- (A) A
- (B) B
- (C) C
- (D) D**
- (E) E

The correct answer is D

First Rule: Each step, the shaded square moves 3 squares clockwise round the edge of the figure.

Second Rule: Each step, the cross-hatching moves 1 square anticlockwise round the edge of the figure, disappearing behind the shading when the two coincide.

-- End of Test --