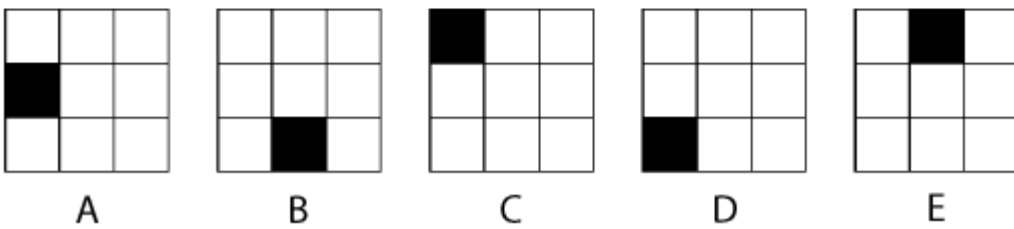
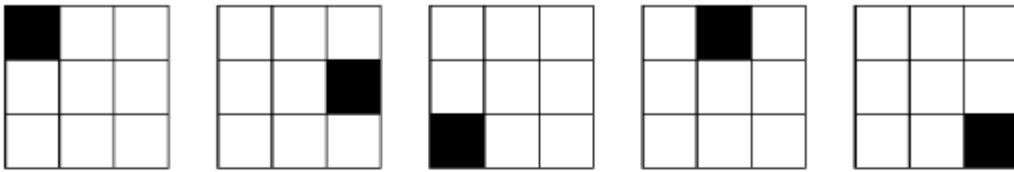


Inductive Reasoning Practice Test 10

Solution Booklet

Difficulty Rating: Easy

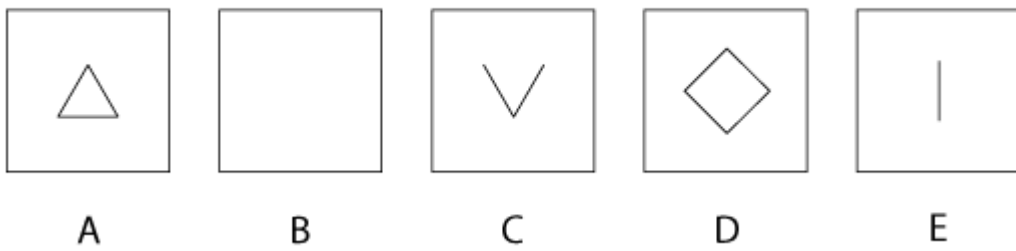
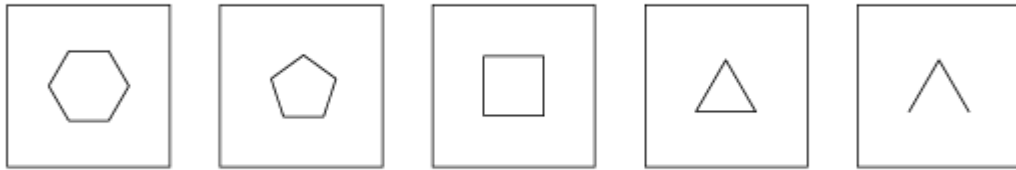
Question 1



The correct answer is A

One Rule: Each step, the shaded square moves 3 squares clockwise round the edge of the figure.

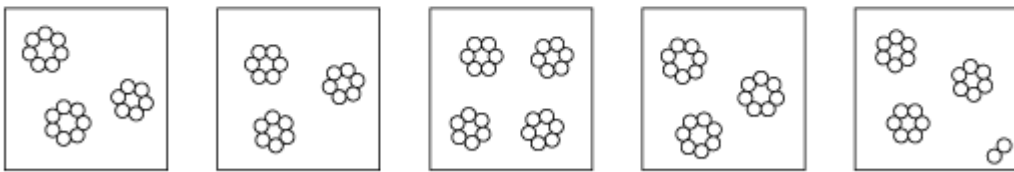
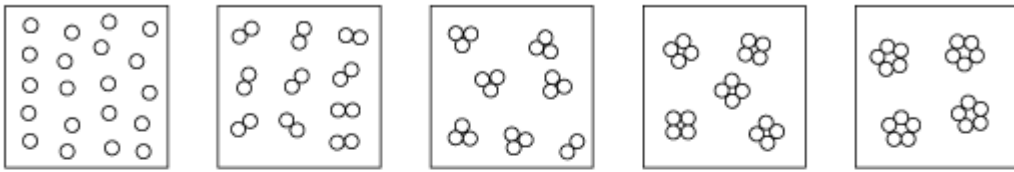
Question 2



The correct answer is E

One Rule: The shape in the centre comprises 1 fewer straight line every time.

Question 3



A

B

C

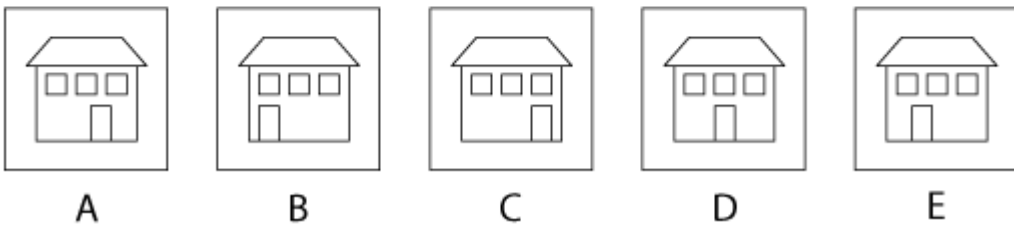
D

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.

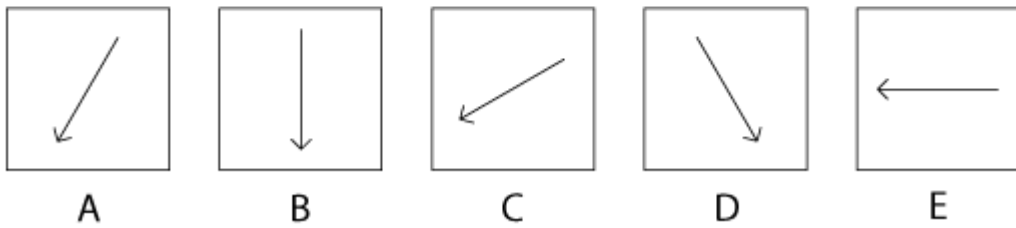
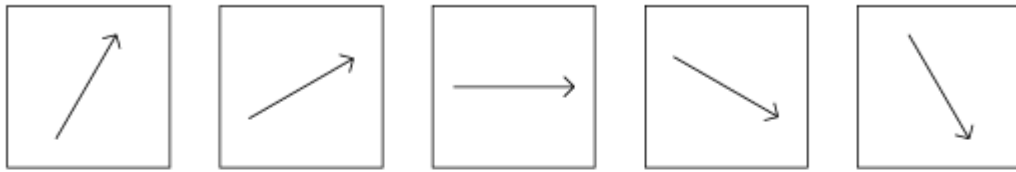
Question 4



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.

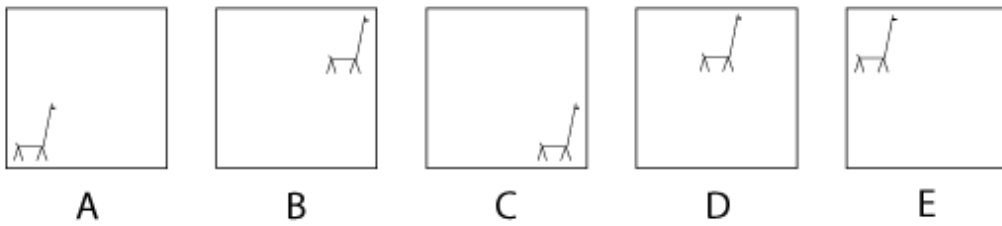
Question 5



The correct answer is B

One Rule: The direction of the arrow rotates by 30° each time.

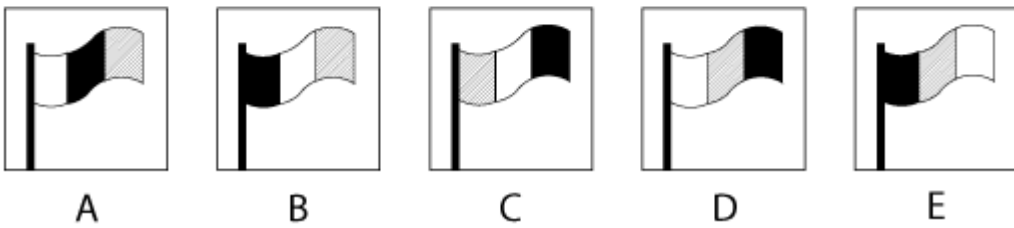
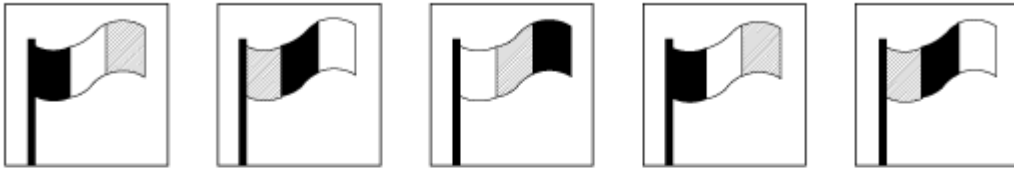
Question 6



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.

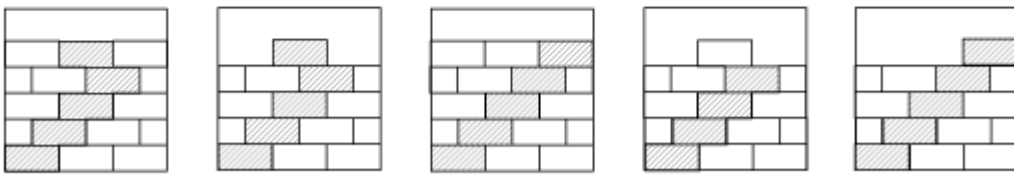
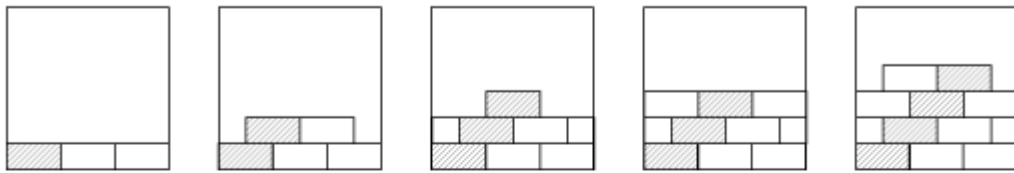
Question 7



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.

Question 8



A

B

C

D

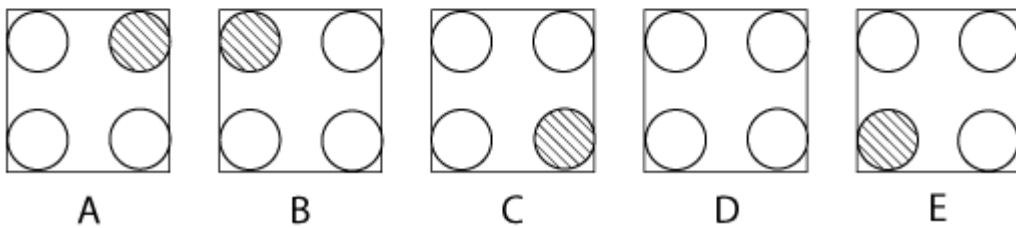
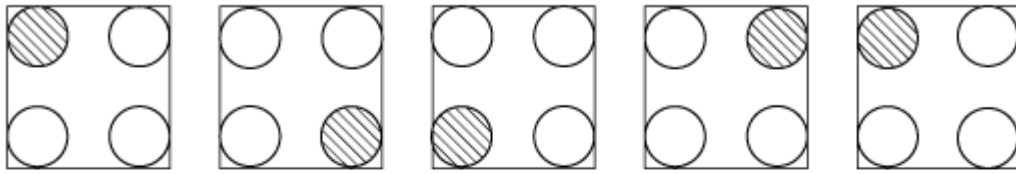
E

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.

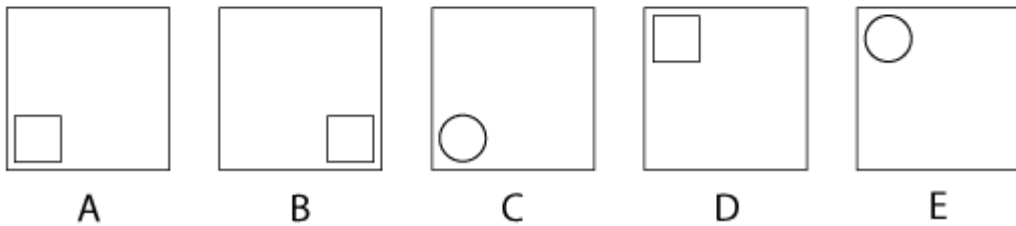
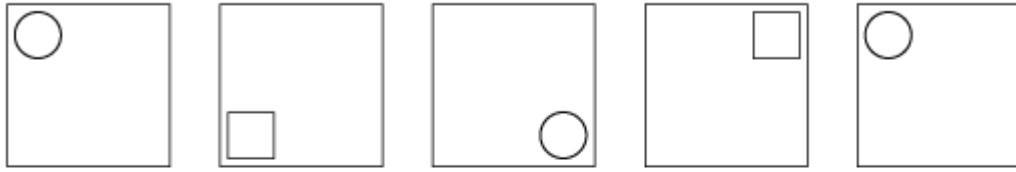
Question 9



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.

Question 10

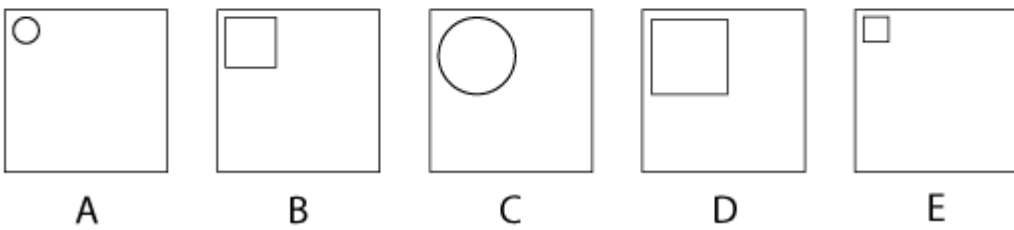
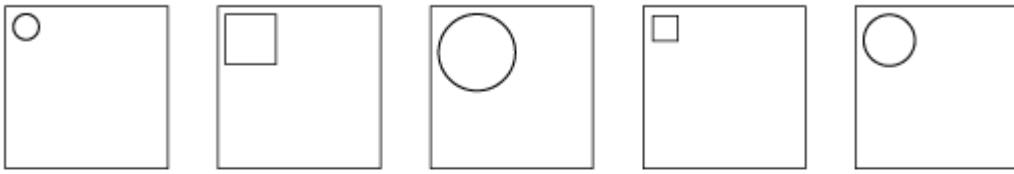


The correct answer is A.

Rule 1: The shapes move one corner anticlockwise each time.

Rule 2: The shapes alternate between circle and square

Question 11

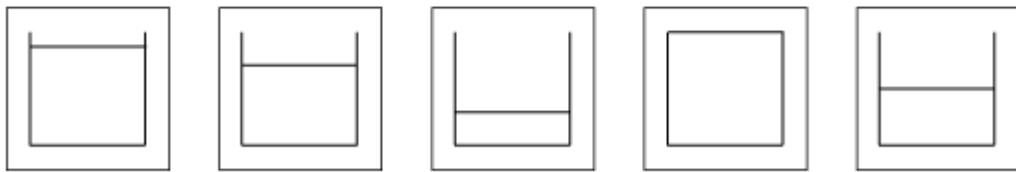
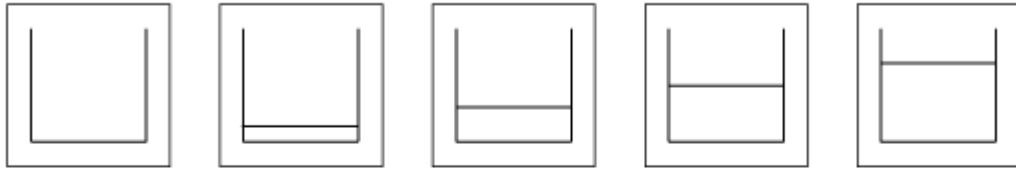


The correct answer is D.

Rule 1: The shapes grow small, medium, then large, then start again.

Rule 2: The shapes alternate between circle and square

Question 12



A

B

C

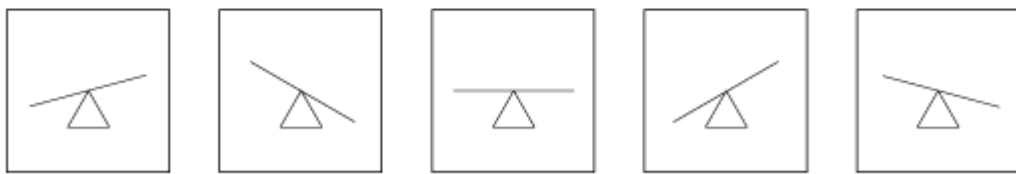
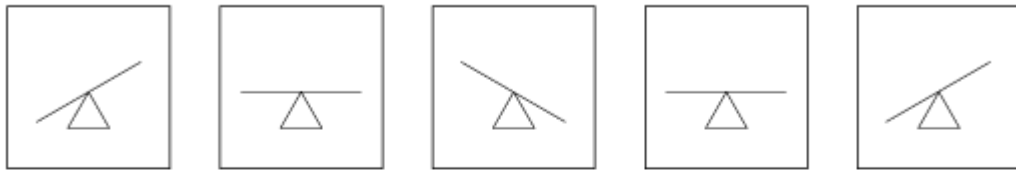
D

E

The correct answer is A

One Rule: The level of the liquid in the container rises by a consistent amount every time.

Question 13



A

B

C

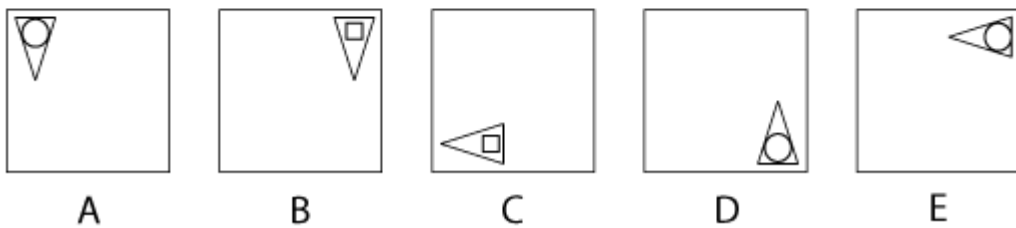
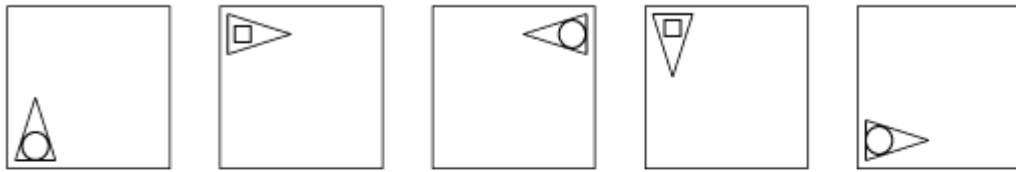
D

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.

Question 14

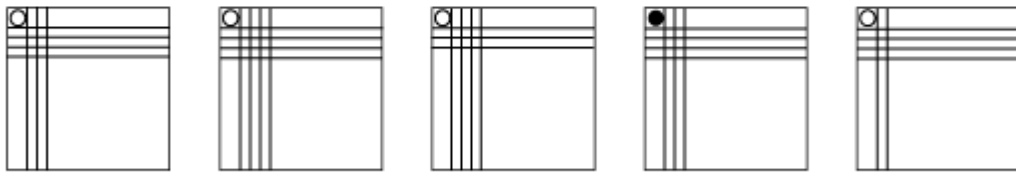
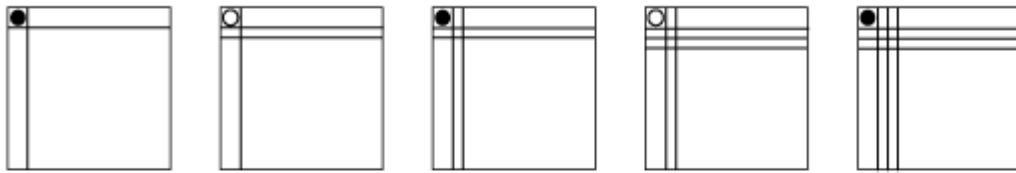


The correct answer is C.

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.

Question 15



A

B

C

D

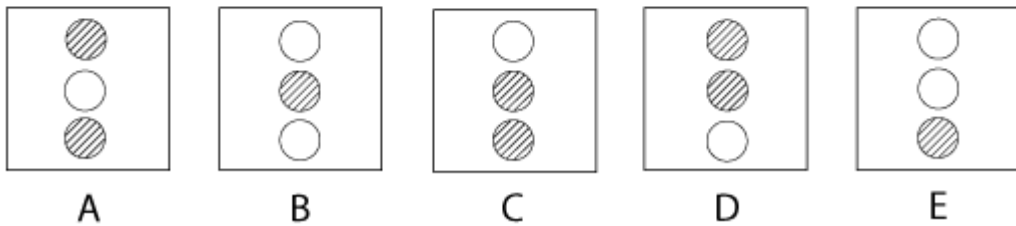
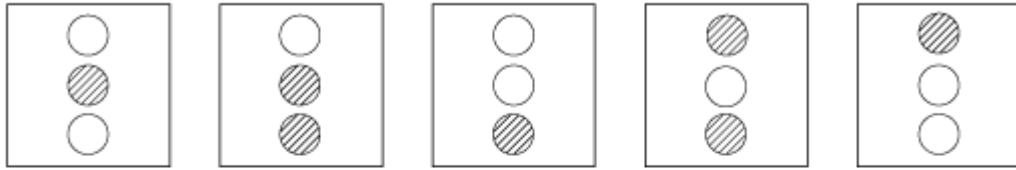
E

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.

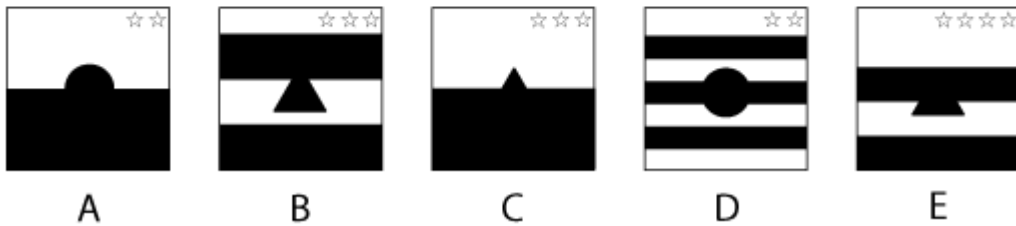
Question 16



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.

Question 17

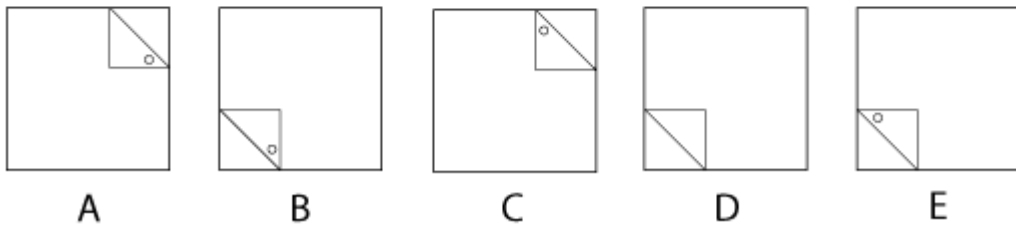
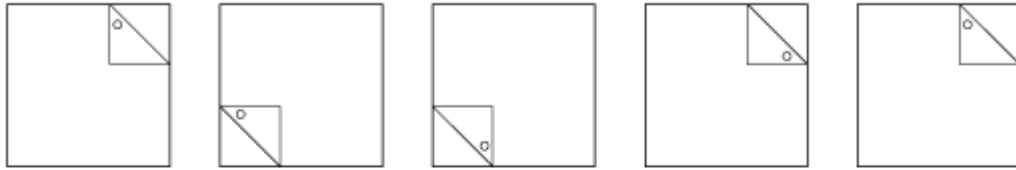


The correct answer is C.

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.

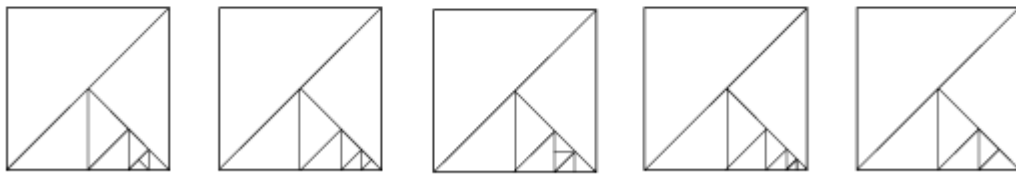
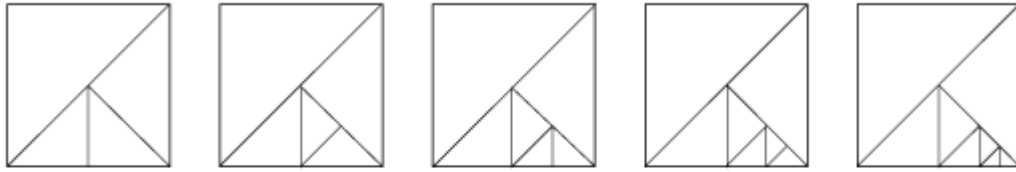
Question 18



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.

Question 19



A

B

C

D

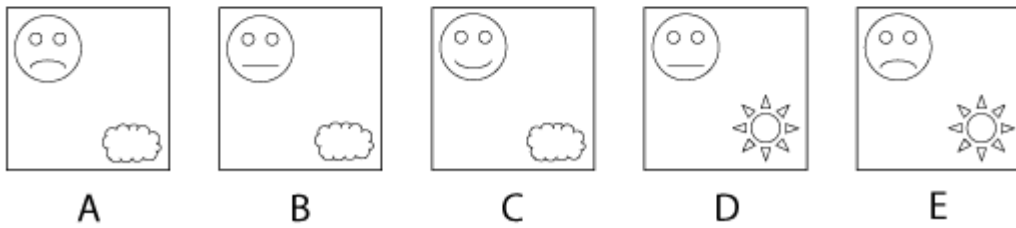
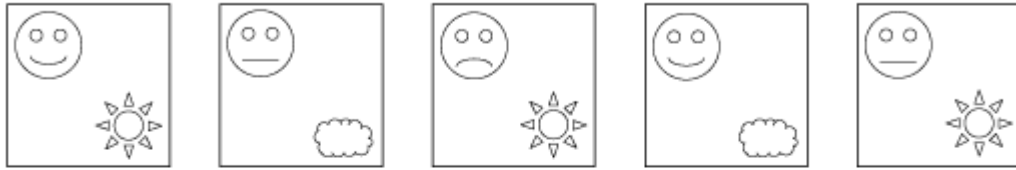
E

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.

Question 20

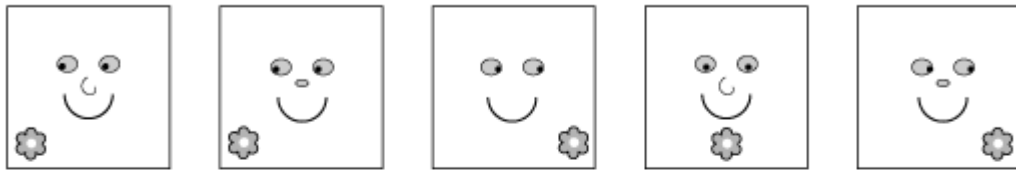


The correct answer is A.

Rule 1: The face changes in sequence from smiley to ambivalent to frowning.

Rule 2: The weather symbol alternates between sun and cloud.

Question 21



A

B

C

D

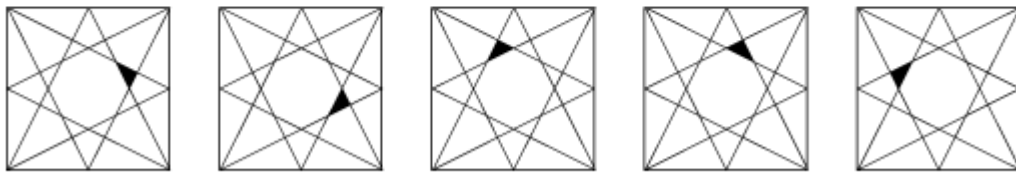
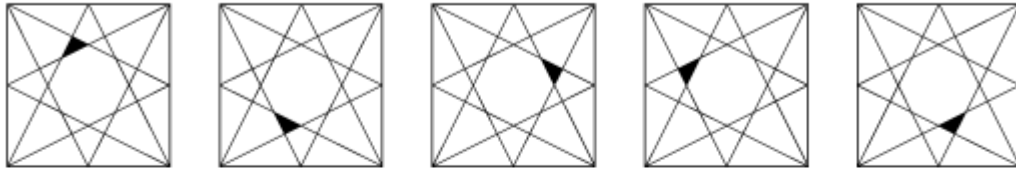
E

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.

Question 22



A

B

C

D

E

The correct answer is D

One Rule:

The shading of the small triangles moves 3 triangles anti-clockwise each time.

- End of Test 10 -