4.6 Reflection and Mirror Images: 1-hour Pack

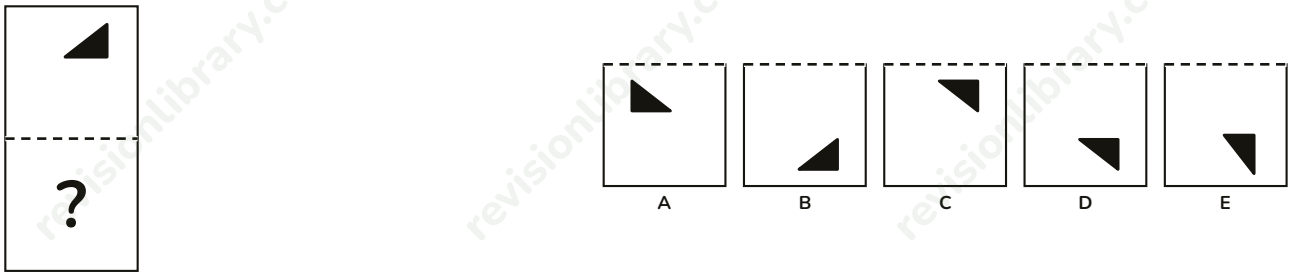
GL ASSESSMENT GL-EP.N8 · Calculators not allowed · about 60 minutes

Total Marks

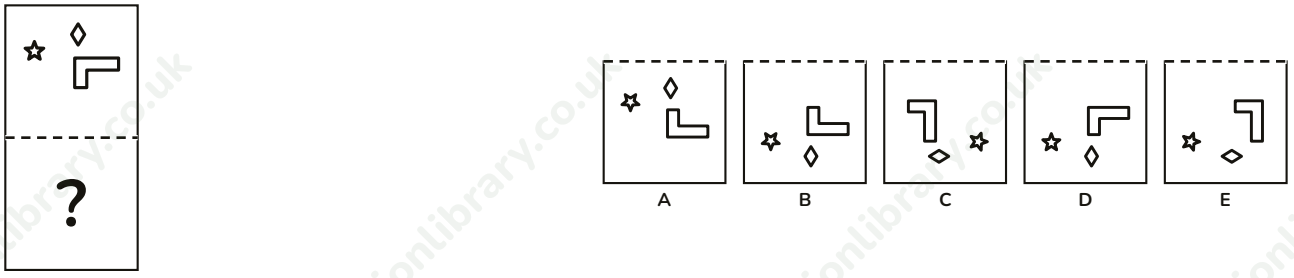
Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

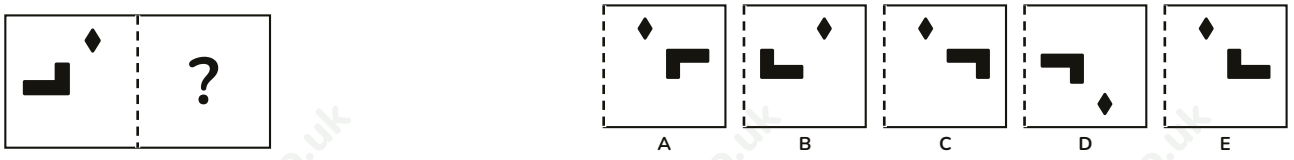
1 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



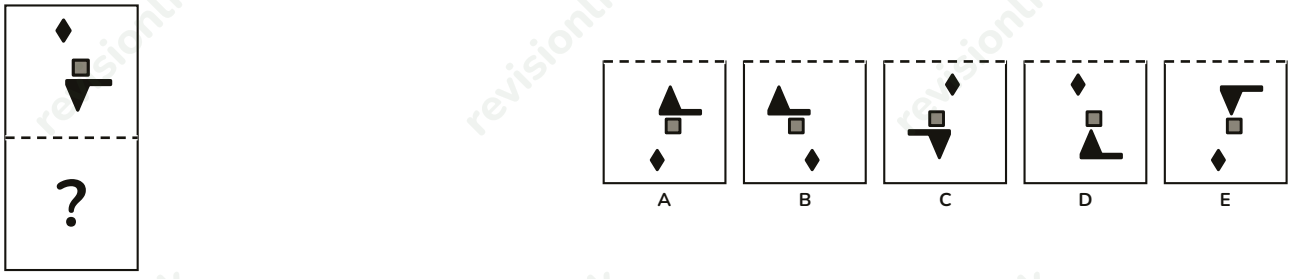
2



3 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.

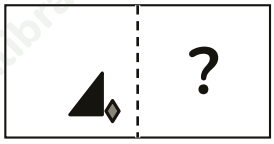


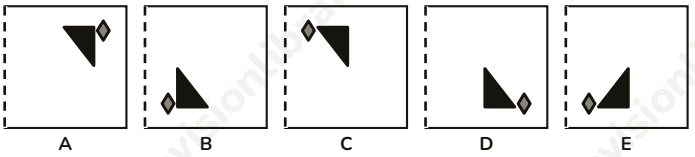
4 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



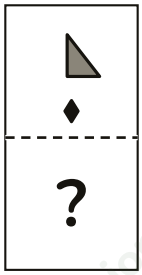
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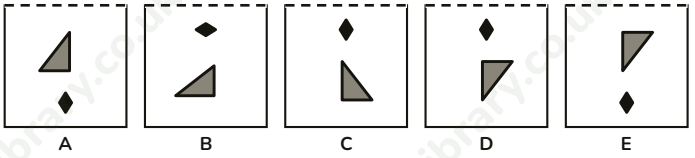
5 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



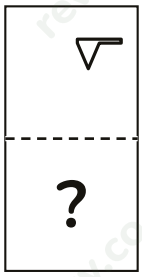


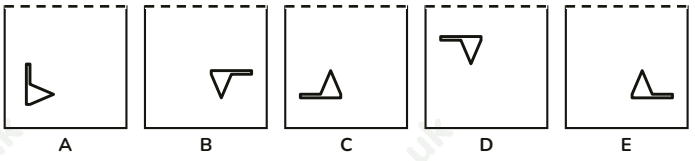
6 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



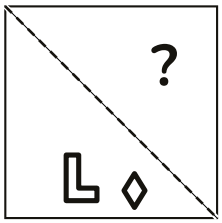


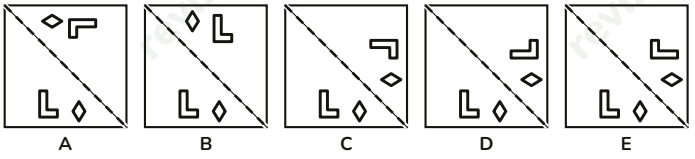
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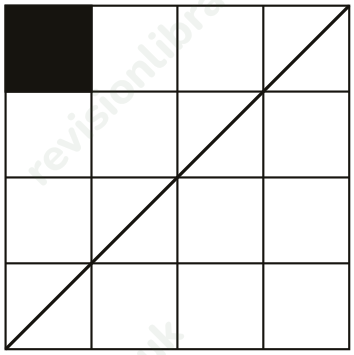


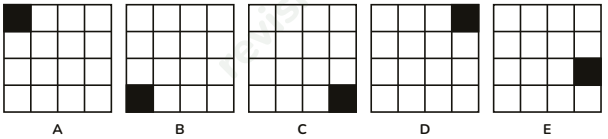
8 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.





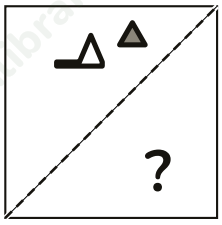
9 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line?

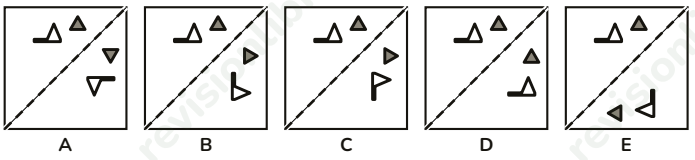




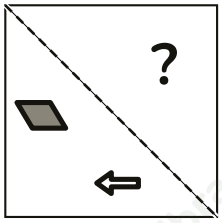
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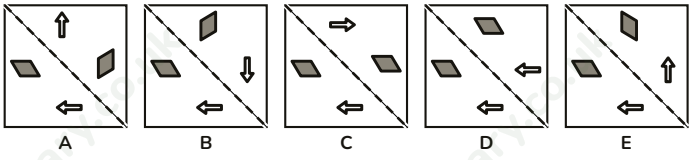
10 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



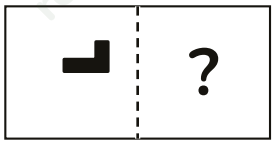


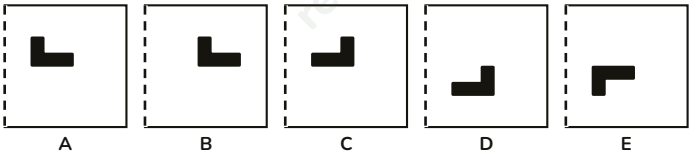
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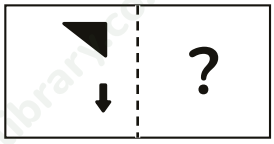


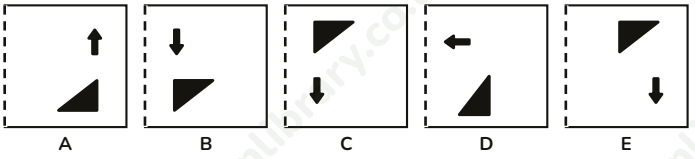
12 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



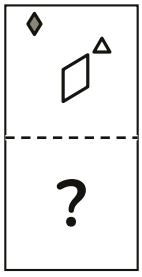


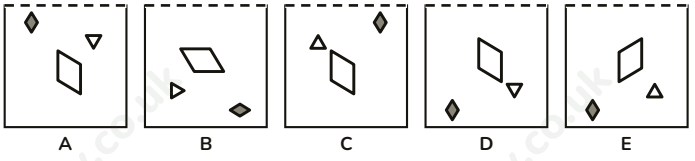
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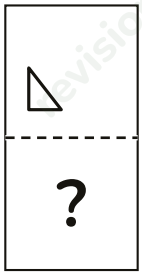


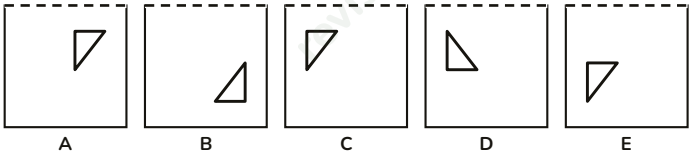
14 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





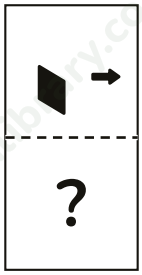
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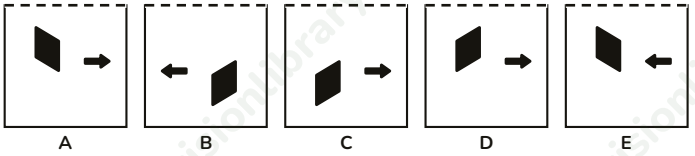




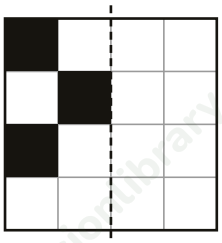
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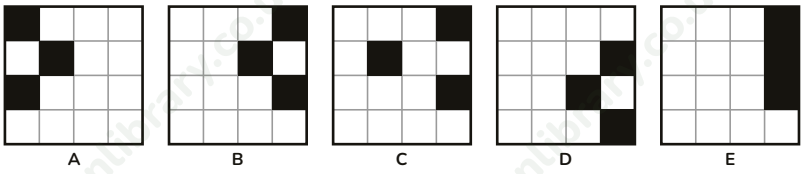
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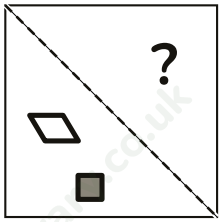


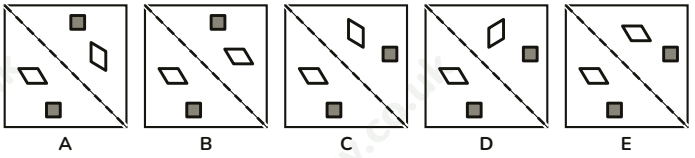
17 Look at the figure and the mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line?



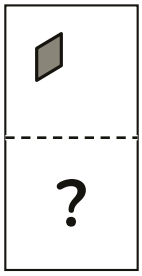


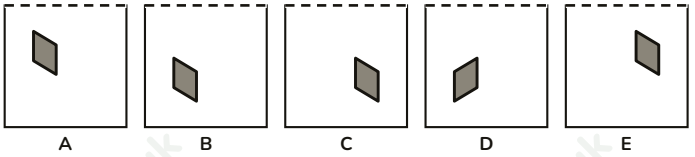
18 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



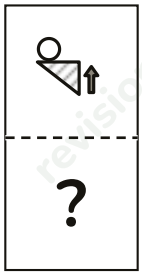


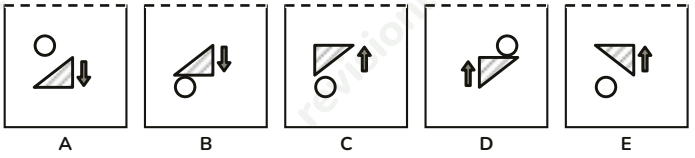
19 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





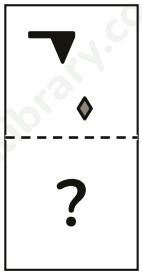
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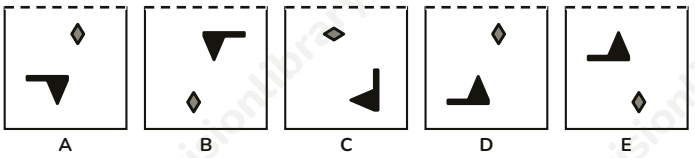




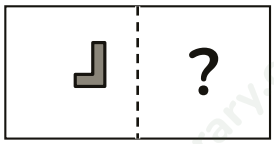
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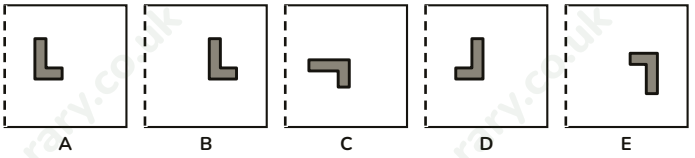
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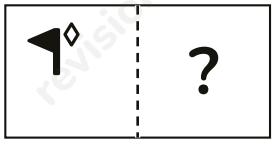


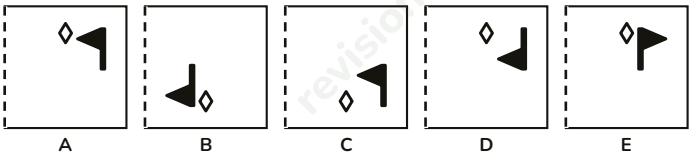
22 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



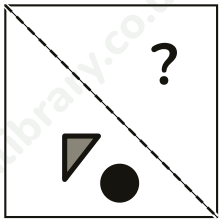


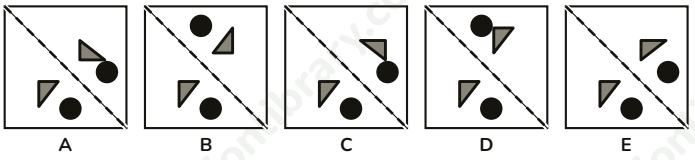
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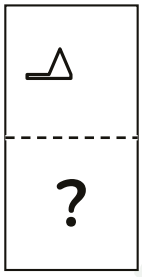


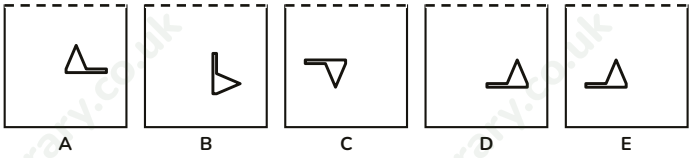
24 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



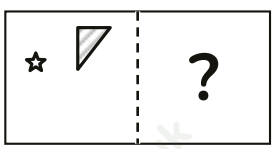


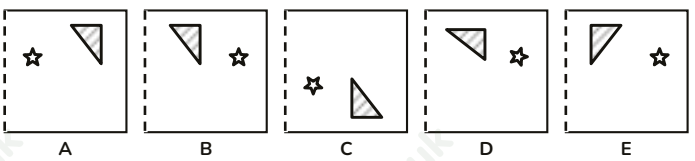
25 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





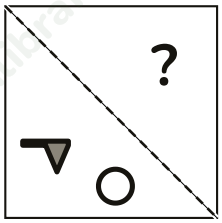
26 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.

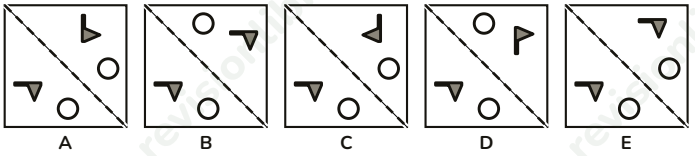




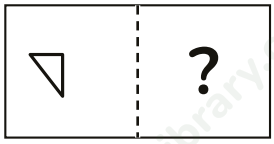
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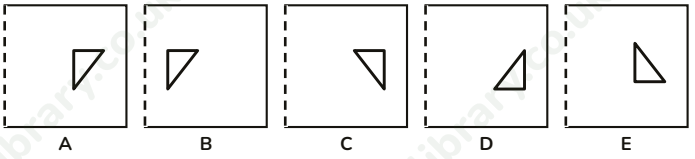
27 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



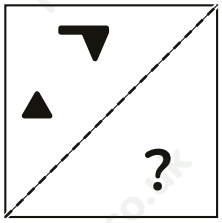


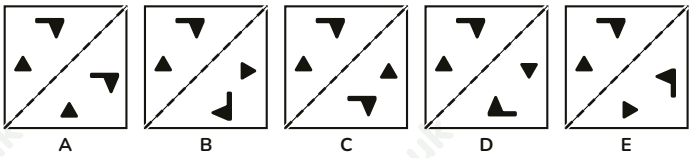
28 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



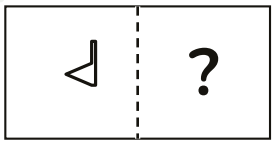


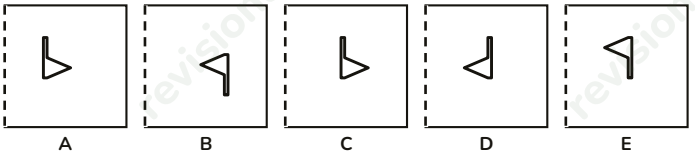
29 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



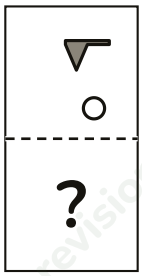


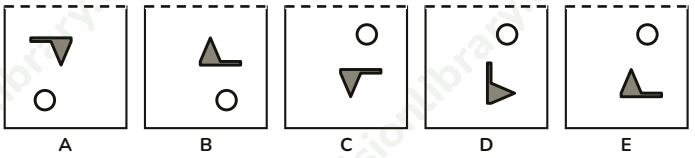
30 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



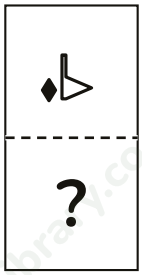


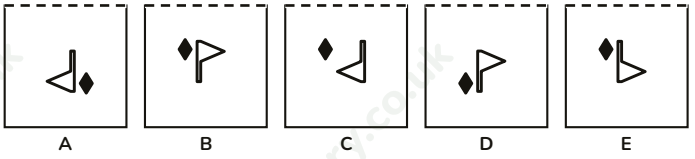
31 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





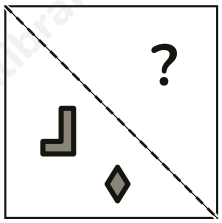
32

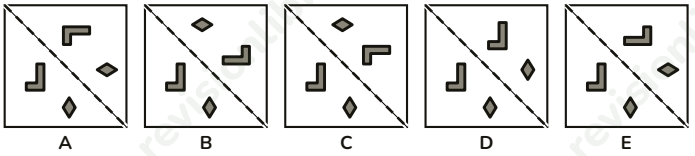




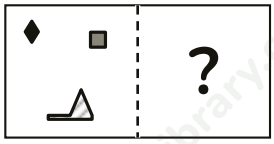
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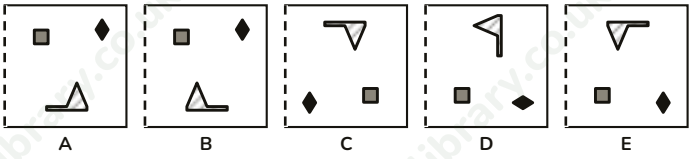
33 Look at the figure and the diagonal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the whole square.



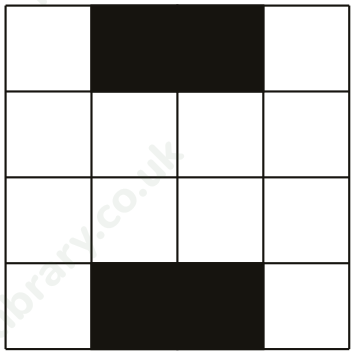


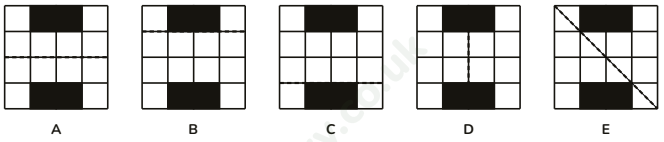
34 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



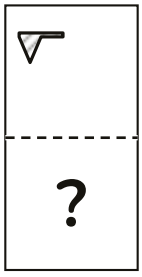


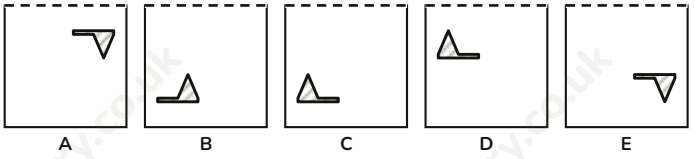
35 A figure and its mirror image are shown on the grid below. Which option (A to E) correctly states where the mirror line lies?



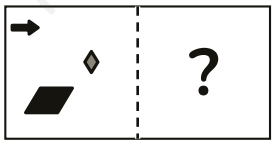


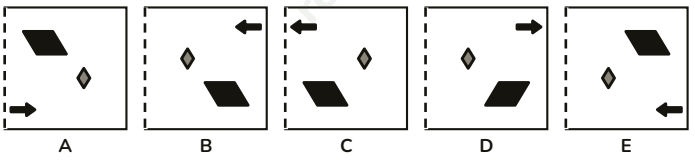
36 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





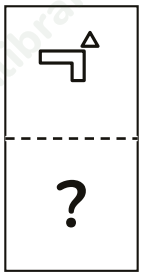
37 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.

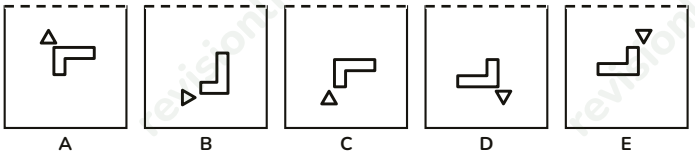




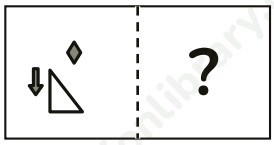
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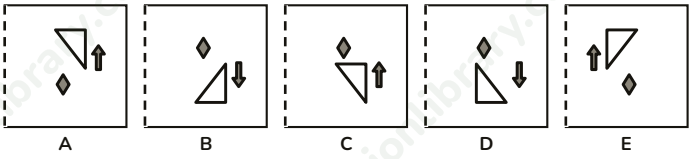
38 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



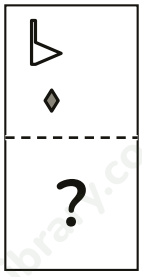


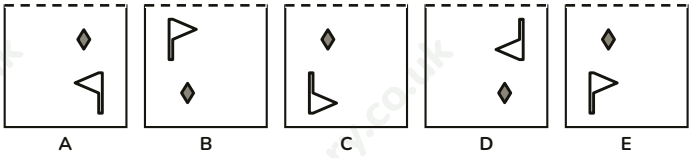
39 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.



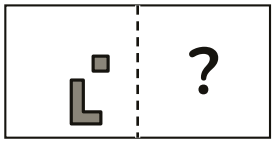


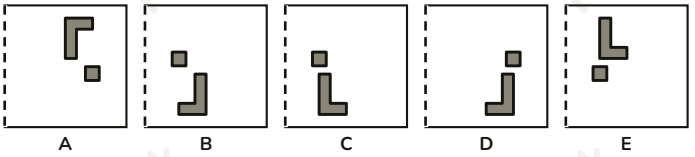
40 Look at the figure and the horizontal mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





41 Look at the figure and the vertical mirror line below. Which option (A to E) shows the correct reflection of the figure in the mirror line? Each option shows the space on the other side of the line.





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Mark scheme · 4.6 Reflection and Mirror Images: 1-hour Pack

Question 1

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black right-angled triangle (mirrored left to right, then turned 270 degrees clockwise) in the bottom-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: D) A medium solid black right-angled triangle (mirrored left to right, then turned 270 degrees clockwise) in the bottom-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 2

selects option B: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) L-shape (mirrored left to right, then turned 90 degrees clockwise) in the right part, a small unshaded (white) star with one point facing down in the bottom-left and a small unshaded (white) diamond in the bottom part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: B) A medium unshaded (white) L-shape (mirrored left to right, then turned 90 degrees clockwise) in the right part, a small unshaded (white) star with one point facing down in the bottom-left and a small unshaded (white) diamond in the bottom part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 3

selects option E: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black L-shape (mirrored left to right, then turned 90 degrees clockwise) in the right part and a small solid black diamond in the top-left (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: E) A medium solid black L-shape (mirrored left to right, then turned 90 degrees clockwise) in the right part and a small solid black diamond in the top-left (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 4

selects option A: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black flag (turned 270 degrees clockwise) in the top-right, a small solid black diamond in the bottom part and a small mid-grey square in the right part (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: A) A medium solid black flag (turned 270 degrees clockwise) in the top-right, a small solid black diamond in the bottom part and a small mid-grey square in the right part (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 5

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black right-angled triangle in the bottom-left and a small mid-grey diamond in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: B) A medium solid black right-angled triangle in the bottom-left and a small mid-grey diamond in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 6

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium mid-grey right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the bottom-right and a small solid black diamond in the top part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: D) A medium mid-grey right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the bottom-right and a small solid black diamond in the top part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 7

selects option E: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) flag (turned 270 degrees clockwise) in the bottom-right (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: E) A medium unshaded (white) flag (turned 270 degrees clockwise) in the bottom-right (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 8

selects option C: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small unshaded (white) L-shape (mirrored left to right, then turned 270 degrees clockwise) in the top-right and a small unshaded (white) diamond turned 90 degrees in the bottom-right (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: C) A small unshaded (white) L-shape (mirrored left to right, then turned 270 degrees clockwise) in the top-right and a small unshaded (white) diamond turned 90 degrees in the bottom-right (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

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Question 9

Correct option identified (C oe, cao) - reflecting in the anti-diagonal sends the top-left corner cell to the bottom-right corner cell **B1**

Answer: C

Question 10

selects option C: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small unshaded (white) flag in the bottom-right and a small mid-grey triangle with one point facing right in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: C) A small unshaded (white) flag in the bottom-right and a small mid-grey triangle with one point facing right in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 11

selects option E: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small mid-grey parallelogram (turned 90 degrees clockwise) in the top part and a small unshaded (white) arrow pointing up in the right part (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: E) A small mid-grey parallelogram (turned 90 degrees clockwise) in the top part and a small unshaded (white) arrow pointing up in the right part (upright, the parallelogram has its long sides horizontal, slanting up to the right)

Question 12

selects option A: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black L-shape (mirrored left to right, then turned 90 degrees clockwise) in the top-left (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: A) A medium solid black L-shape (mirrored left to right, then turned 90 degrees clockwise) in the top-left (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 13

selects option C: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black right-angled triangle (turned 90 degrees clockwise) in the top-left and a small solid black arrow pointing down in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: C) A medium solid black right-angled triangle (turned 90 degrees clockwise) in the top-left and a small solid black arrow pointing down in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 14

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) parallelogram (turned 90 degrees clockwise), a small unshaded (white) triangle with one point facing down in the bottom-right and a small mid-grey diamond in the bottom-left (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: D) A medium unshaded (white) parallelogram (turned 90 degrees clockwise), a small unshaded (white) triangle with one point facing down in the bottom-right and a small mid-grey diamond in the bottom-left (upright, the parallelogram has its long sides horizontal, slanting up to the right)

Question 15

selects option C: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the top-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: C) A medium unshaded (white) right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the top-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 16

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black parallelogram (mirrored left to right, then turned 270 degrees clockwise) in the top-left and a small solid black arrow pointing right in the right part (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: D) A medium solid black parallelogram (mirrored left to right, then turned 270 degrees clockwise) in the top-left and a small solid black arrow pointing right in the right part (upright, the parallelogram has its long sides horizontal, slanting up to the right)

Question 17

Correct option identified (B oe, cao) - all three cells reflect across the vertical line to the column the same distance on the other side, which reverses the direction the arrowhead points **B1**

Answer: B

Question 18

selects option C: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small unshaded (white) parallelogram (turned 90 degrees clockwise) in the top-right and a small mid-grey square in the top-right (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: C) A small unshaded (white) parallelogram (turned 90 degrees clockwise) in the top-right and a small mid-grey square in the top-right (upright, the parallelogram has its long sides horizontal, slanting up to the right)

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Question 19

selects option B: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium mid-grey parallelogram (turned 270 degrees clockwise) in the bottom-left (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: B) A medium mid-grey parallelogram (turned 270 degrees clockwise) in the bottom-left (upright, the parallelogram has its long sides horizontal, slanting up to the right)

Question 20

selects option B: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium diagonally hatched right-angled triangle (turned 270 degrees clockwise) in the left part, a small mid-grey arrow pointing down in the right part and a small unshaded (white) circle in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: B) A medium diagonally hatched right-angled triangle (turned 270 degrees clockwise) in the left part, a small mid-grey arrow pointing down in the right part and a small unshaded (white) circle in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 21

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black flag (mirrored left to right, then turned 90 degrees clockwise) in the bottom-left and a small mid-grey diamond in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: D) A medium solid black flag (mirrored left to right, then turned 90 degrees clockwise) in the bottom-left and a small mid-grey diamond in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 22

selects option A: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium mid-grey L-shape in the left part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: A) A medium mid-grey L-shape in the left part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 23

selects option E: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black flag in the top-right and a small unshaded (white) diamond in the top part (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: E) A medium solid black flag in the top-right and a small unshaded (white) diamond in the top part (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 24

selects option E: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small mid-grey right-angled triangle (turned 90 degrees clockwise) in the top-right and a small solid black circle in the right part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: E) A small mid-grey right-angled triangle (turned 90 degrees clockwise) in the top-right and a small solid black circle in the right part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 25

selects option C: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) flag (turned 90 degrees clockwise) in the left part (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: C) A medium unshaded (white) flag (turned 90 degrees clockwise) in the left part (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 26

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium diagonally hatched right-angled triangle (turned 180 degrees clockwise) in the top-left and a small unshaded (white) star with one point facing up in the top-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: B) A medium diagonally hatched right-angled triangle (turned 180 degrees clockwise) in the top-left and a small unshaded (white) star with one point facing up in the top-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

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Question 27

selects option A: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small mid-grey flag (mirrored left to right, then turned 180 degrees clockwise) in the top-right and a small unshaded (white) circle in the right part (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: A) A small mid-grey flag (mirrored left to right, then turned 180 degrees clockwise) in the top-right and a small unshaded (white) circle in the right part (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 28

selects option A: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the right part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: A) A medium unshaded (white) right-angled triangle (mirrored left to right, then turned 180 degrees clockwise) in the right part (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 29

selects option E: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small solid black flag (mirrored left to right) in the bottom-right and a small solid black triangle with one point facing right in the bottom part (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: E) A small solid black flag (mirrored left to right) in the bottom-right and a small solid black triangle with one point facing right in the bottom part (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 30

selects option A: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) flag (mirrored left to right, then turned 180 degrees clockwise) in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: A) A medium unshaded (white) flag (mirrored left to right, then turned 180 degrees clockwise) in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 31

selects option E: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium mid-grey flag (turned 270 degrees clockwise) in the bottom-right and a small unshaded (white) circle in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: E) A medium mid-grey flag (turned 270 degrees clockwise) in the bottom-right and a small unshaded (white) circle in the top-right (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 32

selects option B: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) flag and a small solid black diamond in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: B) A medium unshaded (white) flag and a small solid black diamond in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 33

selects option E: the image is the figure mirrored in the diagonal line, with every shape the same distance from the line on the other side and flipped, giving A small mid-grey L-shape (turned 270 degrees clockwise) in the top-right and a small mid-grey diamond turned 90 degrees in the right part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: E) A small mid-grey L-shape (turned 270 degrees clockwise) in the top-right and a small mid-grey diamond turned 90 degrees in the right part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 34

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium diagonally hatched flag (turned 270 degrees clockwise) in the bottom part, a small solid black diamond in the top-right and a small mid-grey square in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: B) A medium diagonally hatched flag (turned 270 degrees clockwise) in the bottom part, a small solid black diamond in the top-right and a small mid-grey square in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 35

Correct option identified (A oe, cao) - only a horizontal line exactly midway between the two rows reflects one figure onto the other **B1**

Answer: A

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Question 36

selects option C: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium diagonally hatched flag (turned 270 degrees clockwise) in the bottom-left (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: C) A medium diagonally hatched flag (turned 270 degrees clockwise) in the bottom-left (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 37

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium solid black parallelogram (mirrored left to right, then turned 180 degrees clockwise) in the bottom-right, a small mid-grey diamond in the top-left and a small solid black arrow pointing left in the top-right (upright, the parallelogram has its long sides horizontal, slanting up to the right) (cao) **B1**

Answer: B) A medium solid black parallelogram (mirrored left to right, then turned 180 degrees clockwise) in the bottom-right, a small mid-grey diamond in the top-left and a small solid black arrow pointing left in the top-right (upright, the parallelogram has its long sides horizontal, slanting up to the right)

Question 38

selects option D: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) L-shape (turned 270 degrees clockwise) in the left part and a small unshaded (white) triangle with one point facing down in the bottom-right (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: D) A medium unshaded (white) L-shape (turned 270 degrees clockwise) in the left part and a small unshaded (white) triangle with one point facing down in the bottom-right (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 39

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) right-angled triangle (mirrored left to right) in the bottom part, a small mid-grey diamond in the top part and a small mid-grey arrow pointing down in the bottom-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom) (cao) **B1**

Answer: B) A medium unshaded (white) right-angled triangle (mirrored left to right) in the bottom part, a small mid-grey diamond in the top part and a small mid-grey arrow pointing down in the bottom-right (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 40

selects option E: the image is the figure mirrored in the horizontal line, with every shape the same distance from the line on the other side and flipped, giving A medium unshaded (white) flag in the bottom-left and a small mid-grey diamond in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top) (cao) **B1**

Answer: E) A medium unshaded (white) flag in the bottom-left and a small mid-grey diamond in the top-left (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 41

selects option B: the image is the figure mirrored in the vertical line, with every shape the same distance from the line on the other side and flipped, giving A medium mid-grey L-shape (mirrored left to right) in the bottom-left and a small mid-grey square in the left part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom) (cao) **B1**

Answer: B) A medium mid-grey L-shape (mirrored left to right) in the bottom-left and a small mid-grey square in the left part (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

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