# 4.2 Odd One Out: 1-hour Pack

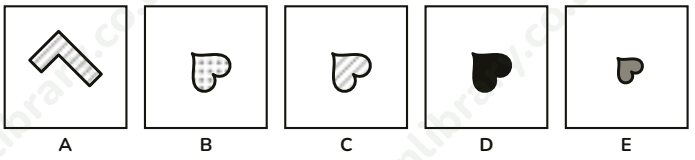
GL Assessment 11+ Non-Verbal Reasoning · Calculators not allowed · about 60 minutes

Total Marks

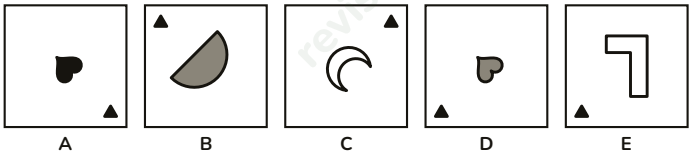
Name: _____ Date: ____ / ____ / _____

**Answer ALL questions. Show all your working.**

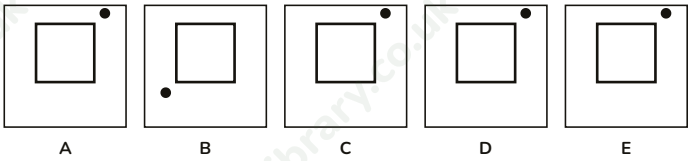
**1** Look at the five figures A to E. Four are alike in some way. Which one is the odd one out?



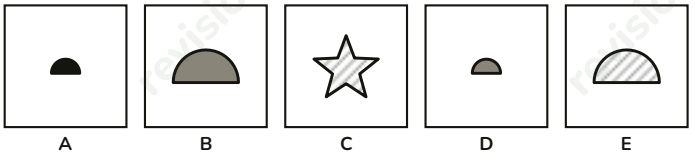

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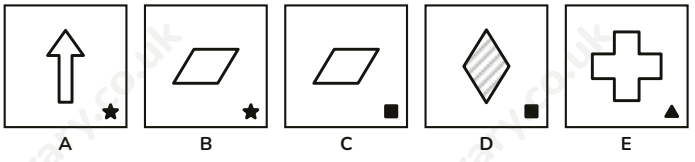

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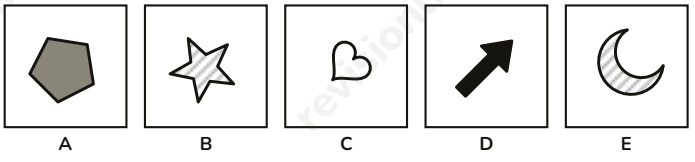

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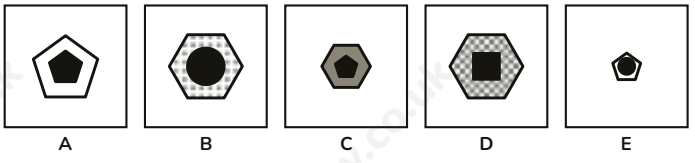

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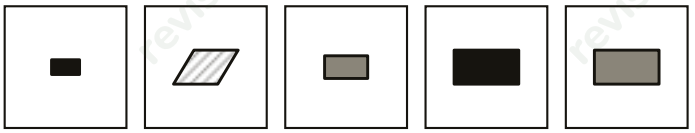


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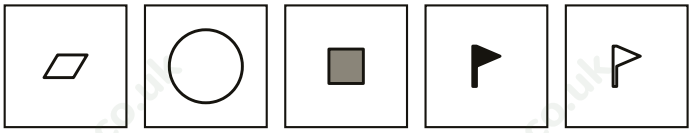

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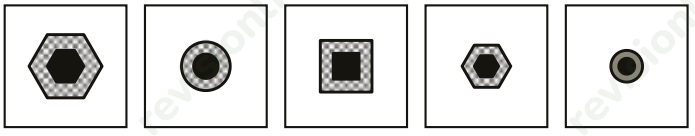

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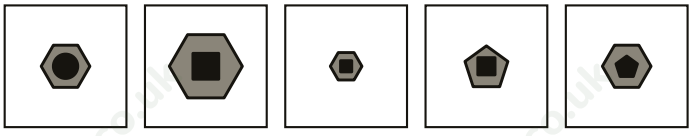

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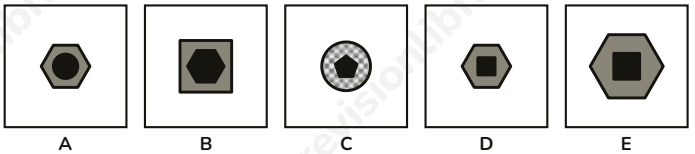

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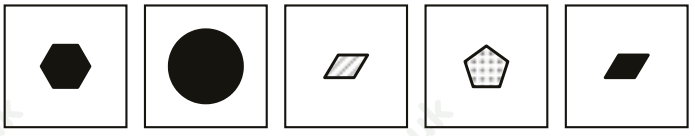

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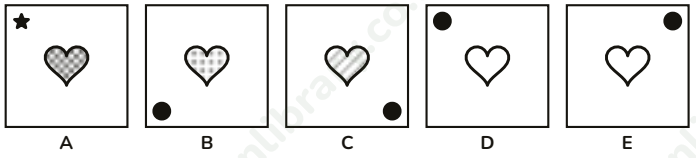

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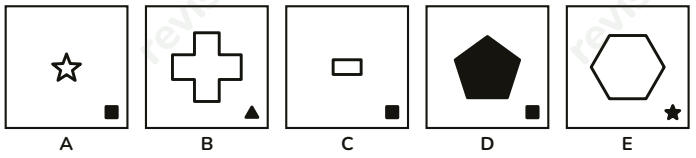


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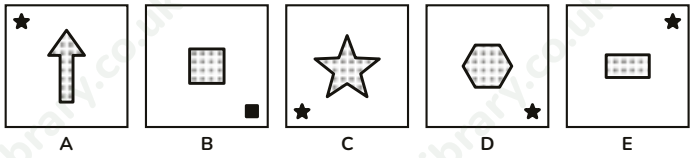
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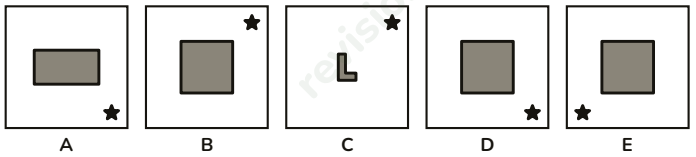

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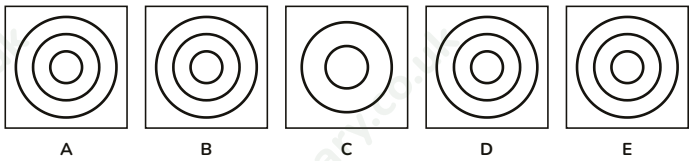

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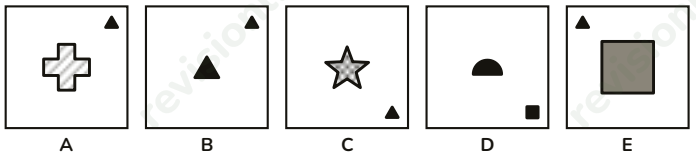

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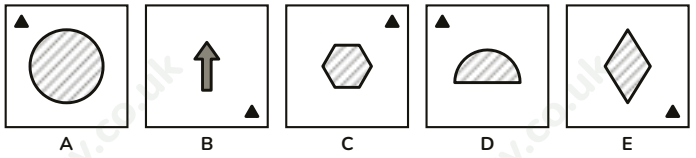

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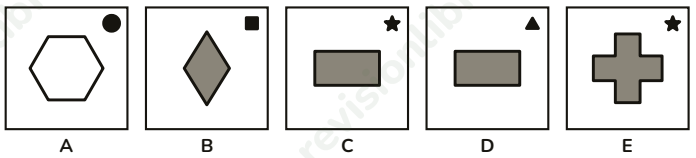

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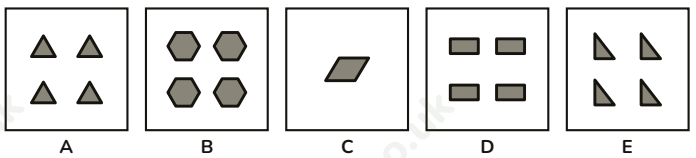

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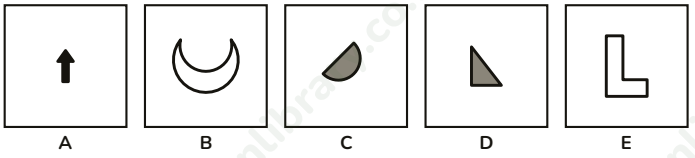

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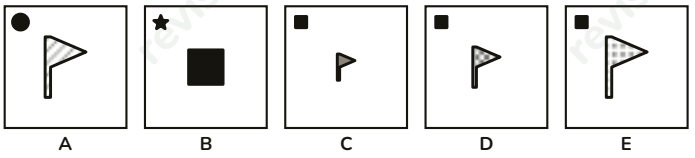


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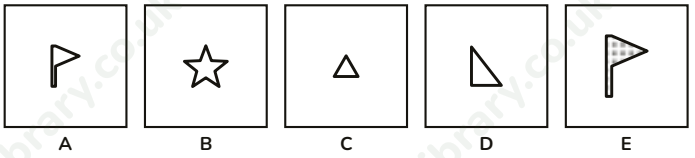
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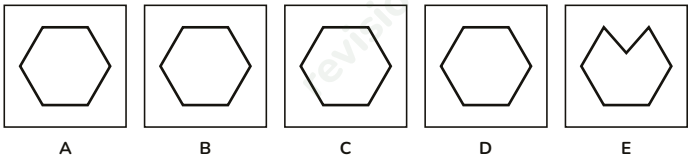

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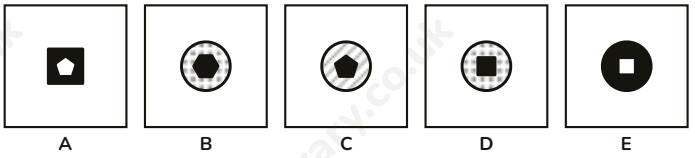

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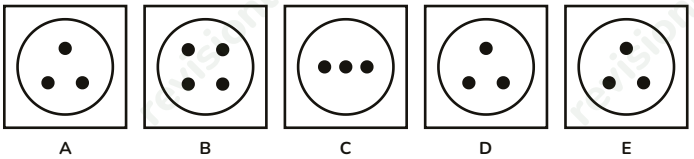

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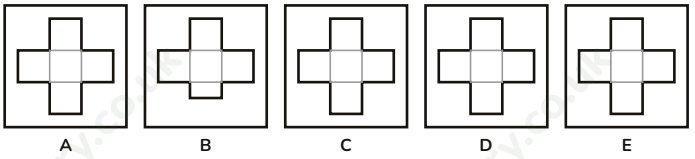

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# Mark scheme · 4.2 Odd One Out: 1-hour Pack

## Question 1

selects option A: the other four figures all have the same orientation (turned 135 degrees clockwise from upright) and are all hearts; this figure breaks the rule that the figures are all hearts (cao) **B1**

**Answer: A) A large diagonally hatched L-shape (turned 135 degrees clockwise) (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)**

## Question 2

selects option E: the other four figures each have a small triangle in one corner and all have the same orientation (turned 135 degrees clockwise from upright); this figure breaks the rule that the figures all have the same orientation (turned 135 degrees clockwise from upright) (cao) **B1**

**Answer: E) A large unshaded (white) L-shape (turned 180 degrees clockwise) and a small solid black triangle with one point facing up in the bottom-left (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)**

## Question 3

selects option B: the only square with its marker dot at the bottom-left corner instead of the top-right (cao) **B1**

**Answer: B**

## Question 4

selects option C: the other four figures are all semicircles; this figure breaks the rule that the figures are all semicircles (cao) **B1**

**Answer: C) A large diagonally hatched star with one point facing up**

## Question 5

selects option D: the other four figures are all unshaded (white) and are all large and each have a small shape in the bottom-right corner; this figure breaks the rule that the figures are all unshaded (white) (cao) **B1**

**Answer: D) A large diagonally hatched diamond and a small solid black square in the bottom-right**

## Question 6

selects option C: the other four figures are all large and all have the same orientation (turned 45 degrees clockwise from upright); this figure breaks the rule that the figures are all large (cao) **B1**

**Answer: C) A medium unshaded (white) heart with its point facing down-left**

## Question 7

selects option A: the other four figures each have a smaller shape of a different kind inside; this figure breaks the rule that the figures each have a smaller shape of a different kind inside (cao) **B1**

**Answer: A) A large unshaded (white) pentagon with one point facing up, with a small solid black pentagon with one point facing up centred inside it**

## Question 8

selects option C: the other four figures are all mid-grey and each have a small shape in the bottom-left corner; this figure breaks the rule that the figures each have a small shape in the bottom-left corner (cao) **B1**

**Answer: C) A large mid-grey star with one point facing up and a small solid black circle in the top-right**

## Question 9

selects option B: the other four figures are all rectangles; this figure breaks the rule that the figures are all rectangles (cao) **B1**

**Answer: B) A large diagonally hatched parallelogram (upright, the parallelogram has its long sides horizontal, slanting up to the right)**

## Question 10

selects option A: the other four figures are all mid-grey and are each made of 3 shapes; this figure breaks the rule that the figures are all mid-grey (cao) **B1**

**Answer: A) Three small unshaded (white) diamonds side by side in a row**

## Question 11

selects option D: the other four figures all have the same orientation (turned 315 degrees clockwise from upright) and each have a small star in one corner and are all unshaded (white); this figure breaks the rule that the figures each have a small star in one corner (cao) **B1**

**Answer: D) A large unshaded (white) right-angled triangle (turned 315 degrees clockwise) and a small solid black circle in the top-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)**

## Question 12

selects option A: the only figure filled dark grey (cross-hatching) instead of light grey (diagonal hatching) (cao) **B1**

**Answer: A**

## Question 13

selects option E: the other four figures are all mid-grey and each have a small shape in the top-right corner; this figure breaks the rule that the figures are all mid-grey (cao) **B1**

**Answer: E) A medium dotted heart with its point facing down and a small solid black circle in the top-right**

## Question 14

selects option B: the other four figures are all medium; this figure breaks the rule that the figures are all medium (cao) **B1**

**Answer: B) A large unshaded (white) circle**

## Question 15

selects option D: the other four figures are all pentagons and all have the same orientation (turned 135 degrees clockwise from upright) and each have a small star in one corner; this figure breaks the rule that the figures are all pentagons (cao) **B1**

**Answer: D) A medium mid-grey triangle with one point facing down-right and a small solid black star with one point facing up in the bottom-left**


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## Question 16

selects option A: the other four figures are all diamonds; this figure breaks the rule that the figures are all diamonds (cao) **B1**

**Answer: A) A large mid-grey right-angled triangle (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)**

## Question 17

selects option E: the other four figures are each made of 3 shapes and are all solid black; this figure breaks the rule that the figures are all solid black (cao) **B1**

**Answer: E) Three small unshaded (white) triangles with one point facing up side by side in a row**

## Question 18

selects option D: the other four figures each have a smaller shape of a different kind inside and are all large; this figure breaks the rule that the figures each have a smaller shape of a different kind inside (cao) **B1**

**Answer: D) A large unshaded (white) square, with a small solid black square centred inside it**

## Question 19

selects option A: the other four figures all have the same orientation (turned 90 degrees clockwise from upright) and are all flags and are all medium; this figure breaks the rule that the figures all have the same orientation (turned 90 degrees clockwise from upright) (cao) **B1**

**Answer: A) A medium cross-hatched flag (upright, the flag has its pole on the left, pennant pointing right from the top)**

## Question 20

selects option E: the other four figures each have a small shape in the bottom-left corner and each have a small star in one corner; this figure breaks the rule that the figures each have a small star in one corner (cao) **B1**

**Answer: E) A medium mid-grey star with one point facing up and a small solid black triangle with one point facing up in the bottom-left**

## Question 21

selects option B: the other four figures are all pentagons; this figure breaks the rule that the figures are all pentagons (cao) **B1**

**Answer: B) A medium mid-grey star with one point facing up**

## Question 22

selects option E: the other four figures each have a smaller copy of their own shape inside and are all cross-hatched; this figure breaks the rule that the figures are all cross-hatched (cao) **B1**

**Answer: E) A small mid-grey circle, with a small solid black circle centred inside it**

## Question 23

selects option D: the other four figures each have a smaller shape of a different kind inside and are all mid-grey and are all hexagons; this figure breaks the rule that the figures are all hexagons (cao) **B1**

**Answer: D) A medium mid-grey pentagon with one point facing up, with a small solid black square centred inside it**

## Question 24

selects option C: the other four figures each have a smaller shape of a different kind inside and are all mid-grey; this figure breaks the rule that the figures are all mid-grey (cao) **B1**

**Answer: C) A medium cross-hatched circle, with a small solid black pentagon with one point facing up centred inside it**

## Question 25

selects option B: the other four figures are all medium; this figure breaks the rule that the figures are all medium (cao) **B1**

**Answer: B) A large solid black circle**

## Question 26

selects option A: the other four figures are all medium and are all hearts and each have a small circle in one corner; this figure breaks the rule that the figures each have a small circle in one corner (cao) **B1**

**Answer: A) A medium cross-hatched heart with its point facing down and a small solid black star with one point facing up in the top-left**

## Question 27

selects option D: the other four figures each have a small shape in the bottom-right corner and are all unshaded (white); this figure breaks the rule that the figures are all unshaded (white) (cao) **B1**

**Answer: D) A large solid black pentagon with one point facing up and a small solid black square in the bottom-right**

## Question 28

selects option B: the other four figures each have a small star in one corner and are all dotted; this figure breaks the rule that the figures each have a small star in one corner (cao) **B1**

**Answer: B) A medium dotted square and a small solid black square in the bottom-right**

## Question 29

selects option C: the other four figures are all large and each have a small star in one corner and are all mid-grey; this figure breaks the rule that the figures are all large (cao) **B1**

**Answer: C) A small mid-grey L-shape and a small solid black star with one point facing up in the top-right (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)**

## Question 30

selects option C: the only target pattern with 2 concentric circles instead of 3 (cao) **B1**

**Answer: C**

## Question 31

selects option D: the other four figures each have a small triangle in one corner; this figure breaks the rule that the figures each have a small triangle in one corner (cao) **B1**

**Answer: D) A small solid black semicircle with its curved side facing up and a small solid black square in the bottom-right**


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## Question 32

selects option B: the other four figures each have a small triangle in one corner and are all diagonally hatched; this figure breaks the rule that the figures are all diagonally hatched (cao) **B1**

**Answer: B) A medium mid-grey arrow pointing up and a small solid black triangle with one point facing up in the bottom-right**

## Question 33

selects option A: the other four figures are all large and are all mid-grey and each have a small shape in the top-right corner; this figure breaks the rule that the figures are all mid-grey (cao) **B1**

**Answer: A) A large unshaded (white) hexagon and a small solid black circle in the top-right (upright, the hexagon has its flat top and bottom)**

## Question 34

selects option C: the other four figures are all mid-grey and are each made of 4 shapes; this figure breaks the rule that the figures are each made of 4 shapes (cao) **B1**

**Answer: C) A medium mid-grey parallelogram (upright, the parallelogram has its long sides horizontal, slanting up to the right)**

## Question 35

selects option C: the other four figures all have the same orientation (turned 0 degrees clockwise from upright); this figure breaks the rule that the figures all have the same orientation (turned 0 degrees clockwise from upright) (cao) **B1**

**Answer: C) A medium mid-grey semicircle with its curved side facing down-right**

## Question 36

selects option B: the other four figures each have a small shape in the top-left corner and are all flags; this figure breaks the rule that the figures are all flags (cao) **B1**

**Answer: B) A medium solid black square and a small solid black star with one point facing up in the top-left**

## Question 37

selects option E: the other four figures all have the same orientation (turned 0 degrees clockwise from upright) and are all unshaded (white); this figure breaks the rule that the figures are all unshaded (white) (cao) **B1**

**Answer: E) A large dotted flag (upright, the flag has its pole on the left, pennant pointing right from the top)**

## Question 38

selects option E: the only concave 7-sided shape formed by notching a hexagon among four regular convex hexagons (cao) **B1**

**Answer: E**

## Question 39

selects option A: the other four figures are all medium and each have a smaller shape of a different kind inside and are all circles; this figure breaks the rule that the figures are all circles (cao) **B1**

**Answer: A) A medium solid black square, with a small unshaded (white) pentagon with one point facing up centred inside it**

## Question 40

selects option B: the only circle containing 4 dots instead of 3 (cao) **B1**

**Answer: B**

## Question 41

selects option B: the only cross shape with a shortened arm, reducing it from 4 lines of symmetry to 1 (cao) **B1**

**Answer: B**


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