4.2 Odd One Out: 30-minute Pack

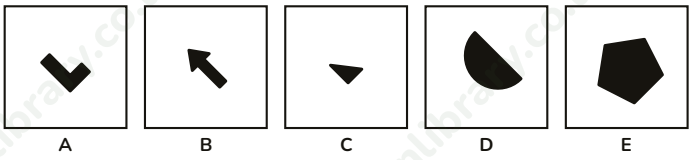
GL Assessment 11+ Non-Verbal Reasoning · Calculators not allowed · about 30 minutes

Total Marks

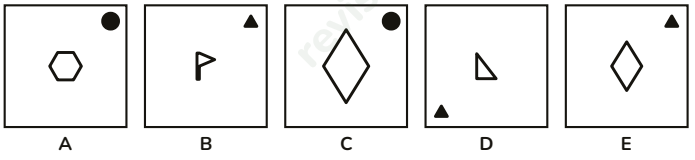
Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

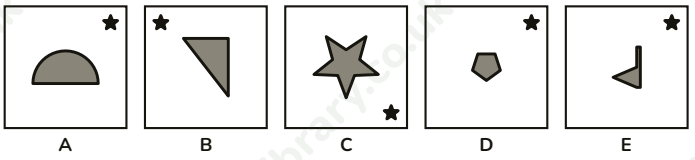
1 Look at the five figures A to E. Four are alike in some way. Which one is the odd one out?



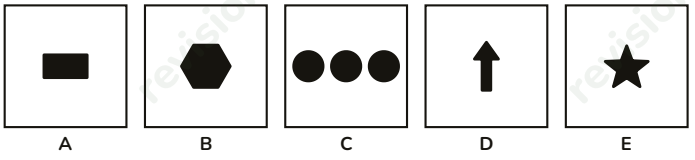
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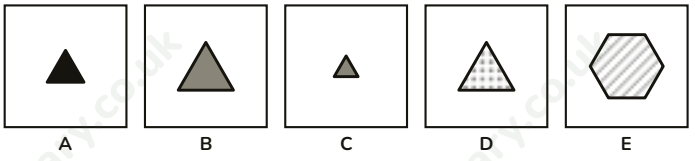
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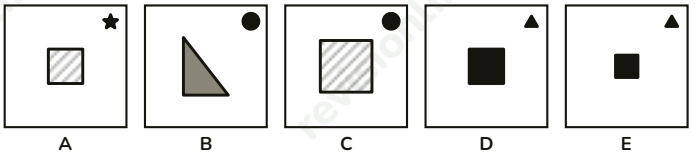
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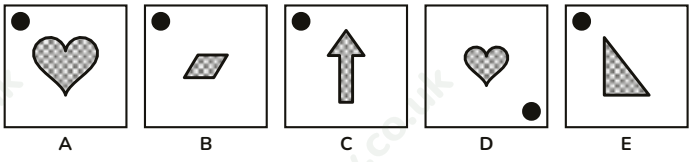
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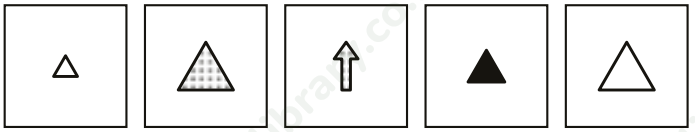


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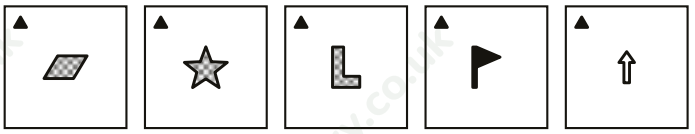
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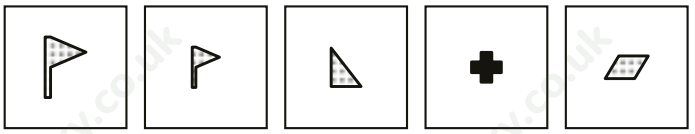
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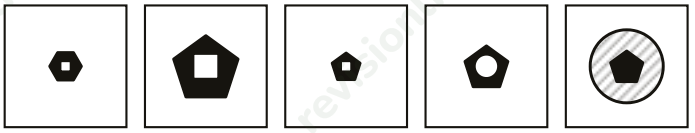
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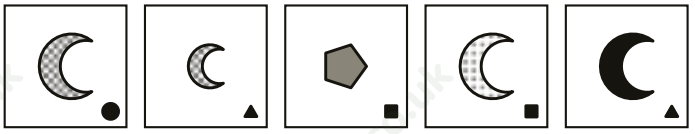
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Mark scheme · 4.2 Odd One Out: 30-minute Pack

Question 1

selects option D: the other four figures all have the same orientation (turned 315 degrees clockwise from upright) and are all solid black; this figure breaks the rule that the figures all have the same orientation (turned 315 degrees clockwise from upright) (cao) **B1**

Answer: D) A large solid black semicircle with its curved side facing down-left

Question 2

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

Answer: D) A small unshaded (white) right-angled triangle and a small solid black triangle with one point facing up in the bottom-left (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 3

selects option A: the other four figures all have the same orientation (turned 180 degrees clockwise from upright) and each have a small star in one corner and are all mid-grey; this figure breaks the rule that the figures all have the same orientation (turned 180 degrees clockwise from upright) (cao) **B1**

Answer: A) A large mid-grey semicircle with its curved side facing up and a small solid black star with one point facing up in the top-right

Question 4

selects option C: the other four figures are each made of 1 shape and are all solid black; this figure breaks the rule that the figures are each made of 1 shape (cao) **B1**

Answer: C) Three small solid black circles side by side in a row

Question 5

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

Answer: E) A large diagonally hatched hexagon (upright, the hexagon has its flat top and bottom)

Question 6

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

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

Question 7

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

Answer: D) A medium cross-hatched heart with its point facing down and a small solid black circle in the bottom-right

Question 8

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

Answer: C) A medium dotted arrow pointing up

Question 9

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

Answer: E) A medium diagonally hatched cross and a small solid black star with one point facing up in the bottom-right

Question 10

selects option A: the other four figures are all solid black and all have the same orientation (turned 225 degrees clockwise from upright); this figure breaks the rule that the figures all have the same orientation (turned 225 degrees clockwise from upright) (cao) **B1**

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

Question 11

selects option C: 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: C) 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 12

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

Answer: E) A small unshaded (white) arrow pointing up and a small solid black triangle with one point facing up in the top-left

Question 13

selects option C: the only star with 6 points instead of 5 (cao) **B1**

Answer: C

Question 14

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

Answer: D) A small solid black cross

Question 15

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

Answer: E) A large diagonally hatched circle, with a small solid black pentagon with one point facing up centred inside it

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Question 16

selects option C: the other four figures each have a small shape in the bottom-right corner and are all crescents and all have the same orientation (turned 90 degrees clockwise from upright); this figure breaks the rule that the figures are all crescents (cao) **B1**

Answer: C) A medium mid-grey pentagon with one point facing right and a small solid black square in the bottom-right

Question 17

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

Answer: B) A medium dotted L-shape and a small solid black star 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 18

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

Answer: A) A large solid black semicircle with its curved side facing up and a small solid black square in the top-left

Question 19

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

Answer: D) A medium unshaded (white) L-shape (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 20

selects option E: the only figure filled solid black while the others are unshaded outlines (cao) **B1**

Answer: E

Question 21

selects option B: the only circle with two adjacent shaded sectors instead of an alternating shaded/unshaded pattern (cao) **B1**

Answer: B

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