Logical Reasoning Test 1

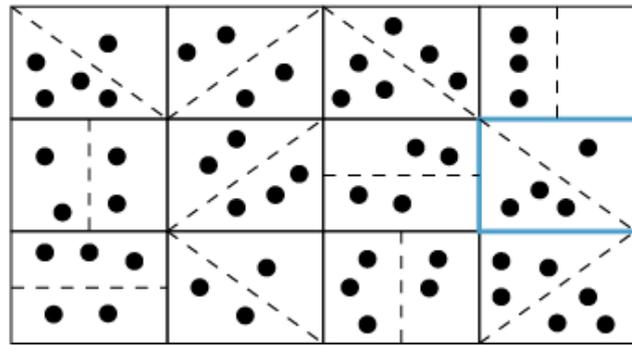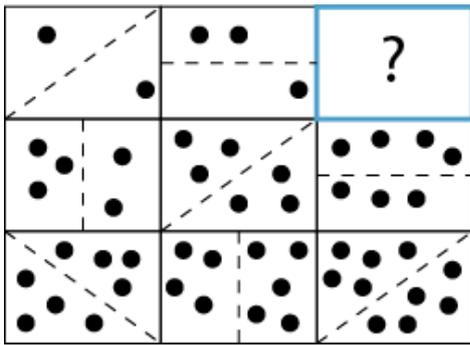## Solutions Booklet

Difficulty: Medium

Instructions

This logical reasoning test comprises 15 questions, each containing a grid of symbols. In each question one of the symbols is missing. Your task is to choose which one of the options best fits the missing symbol.

Each question will have 12 possible answers, one of which is correct. You will have to work quickly and accurately to perform well in this test. There is no overall time limit for the test, but there is a limit of 70 seconds for each question.

Try to find a time and place where you will not be interrupted during the test. The test will start on the next page
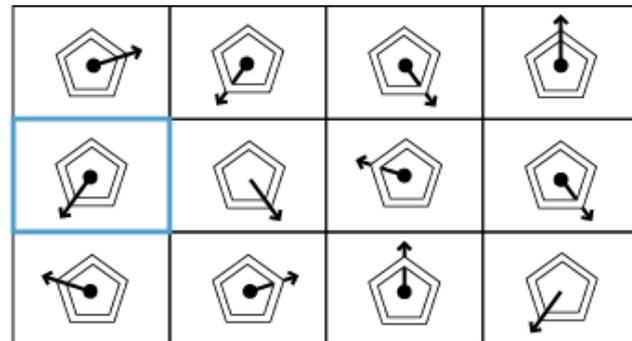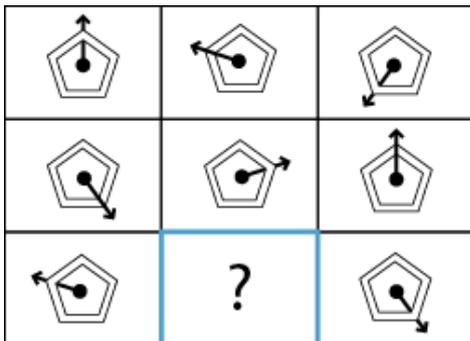
Q1 What replaces the question mark?

Rule 1: From top to bottom, the dotted line rotates 45˚ counterclockwise each time. This pattern continues onto the next column.

Rule 2: From left to right, the total number of shaded circles in each box increases by one each time. This pattern continues onto the next row.
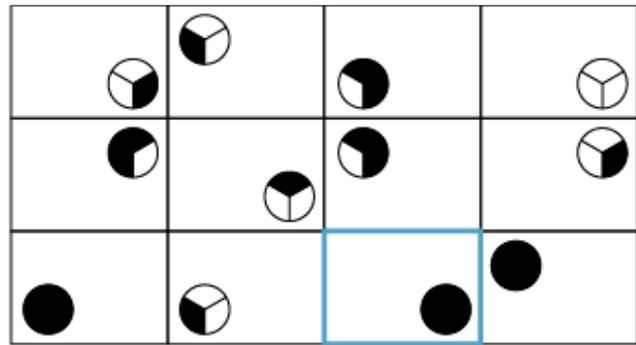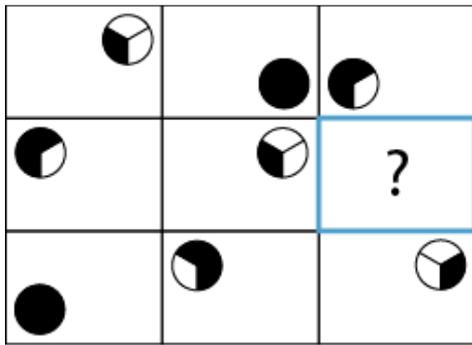
Q2 What replaces the question mark?

Rule 1: From left to right, the arrow moves one place counterclockwise around the pentagon each time. This pattern continues onto the next row.

Rule 2: From left to right, the arrow alternates between being in front of and behind the pentagon. This pattern continues onto the next row.

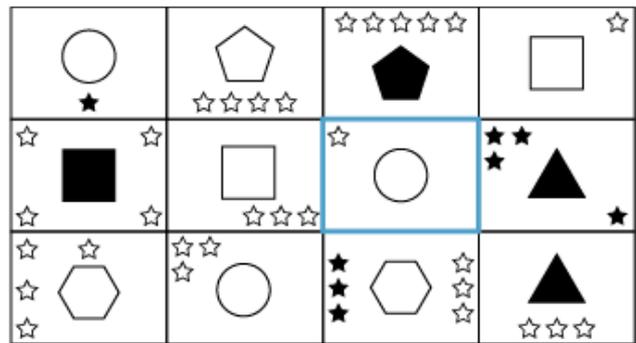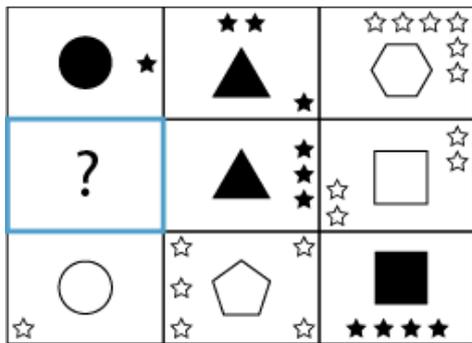AssessmentDay
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Q3 What replaces the question mark?

Rule 1: From left to right, the circle moves one place clockwise around the box each time. This pattern continues onto the next row.

Rule 2: Each row and column has one contains one circle with one shaded segment, one with two shaded segments and one with three shaded segments.

Q4 What replaces the question mark?

Rule 1: The total number of stars in each box is equal to the total number of edges on the large shape in each box.

Rule 2: When the stars are shaded, the large shape is also shaded.

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Q5   What replaces the question mark?

Rule 1: From left to right, the crossed square moves one place to the right each time. This pattern continues onto the next row.

Rule 2: The cross alternates between being vertical/horizontal and diagonal each time.
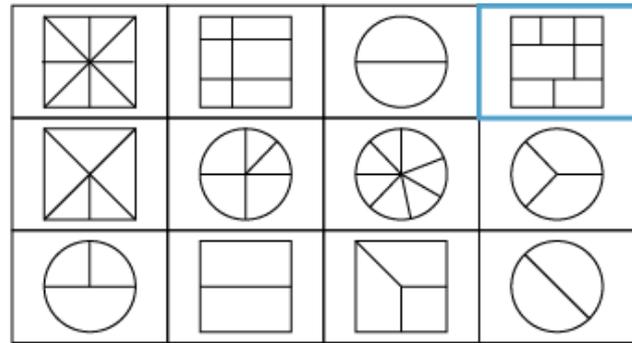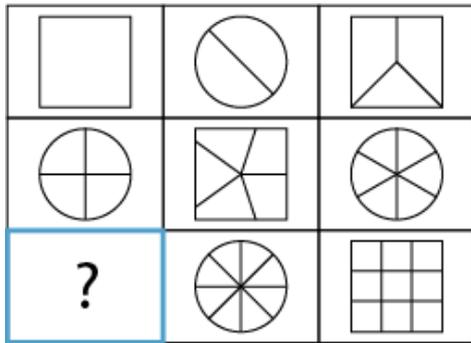
Q6   What replaces the question mark?

Rule 1: From top to bottom, the missing edge of the hexagon moves one place counterclockwise each time. This pattern continues onto the next column.

Rule 2: From left to right, the shaded segment of the hexagon moves one place counterclockwise each time. This pattern continues onto the next row.

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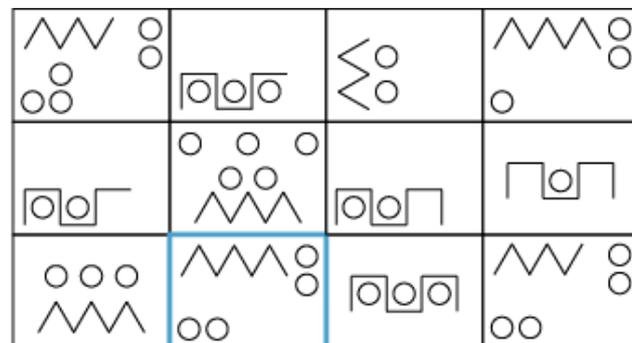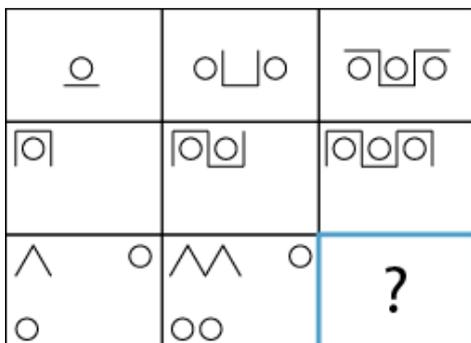www.assessmentday.co.uk

Q7 What replaces the question mark?

Rule 1: From left to right, the large shape alternates between square and circle. This pattern continues onto the next row.

Rule 2: From left to right, the total number of segments of the large shape increases by one each time. This pattern continues onto the next row.
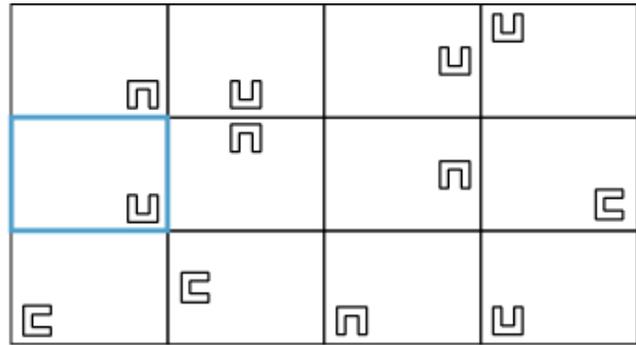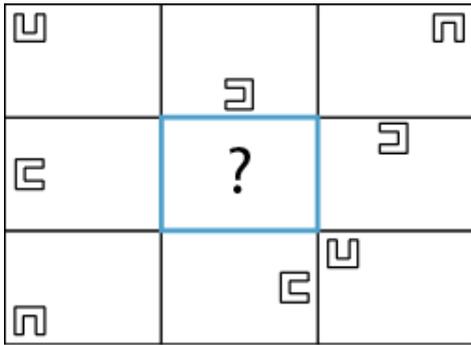
Q8 What replaces the question mark?

Rule 1: From left to right, two new lines are added to the box each time.

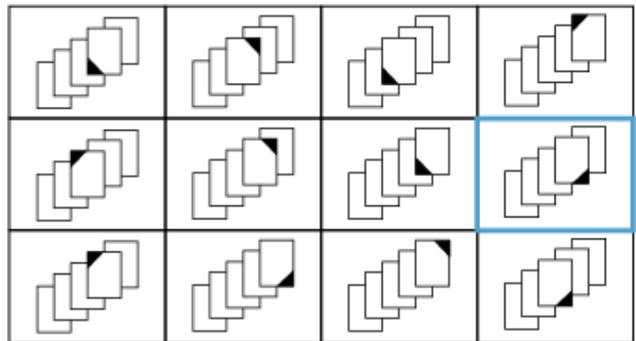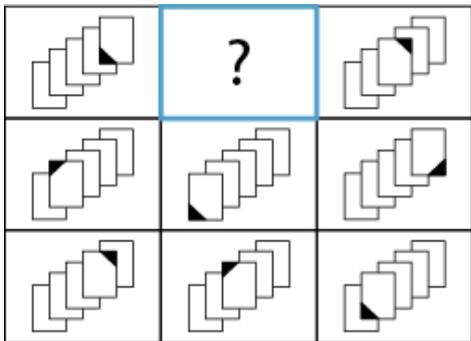Rule 2: From left to right, a new circle is added to the box each time.

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Rule 1: From top to bottom, the symbol moves one place counterclockwise around the box each time. This pattern continues onto the next column.
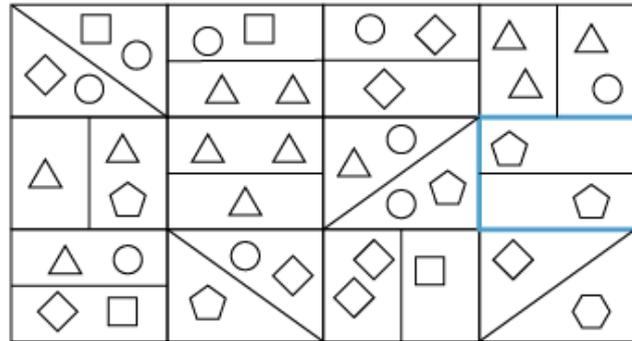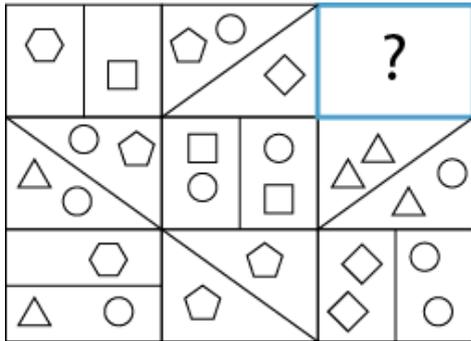Rule 2: From top to bottom, the symbol rotates 90˚ clockwise each time. This pattern continues onto the next column.

Q10   What replaces the question mark?

Rule 1: From left to right, the panel in the foreground moves one place to the left each time. This pattern continues onto the next row.
Rule 2: From top to bottom, the shaded corner moves one place clockwise around the foreground panel. This pattern continues onto the next column.
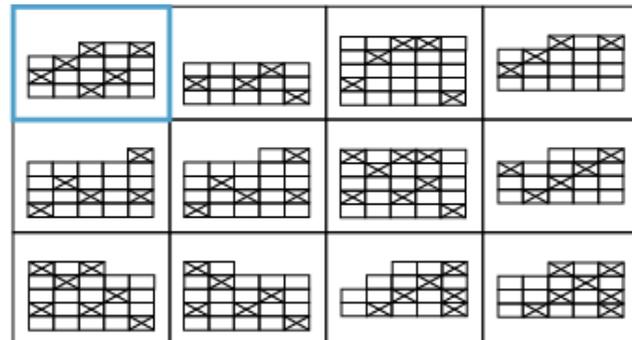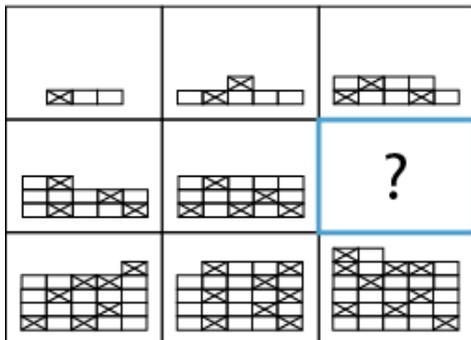
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Q11 What replaces the question mark?

Rule 1: From top to bottom, the line rotates 45˚ counterclockwise each time. This pattern continues onto the next column.

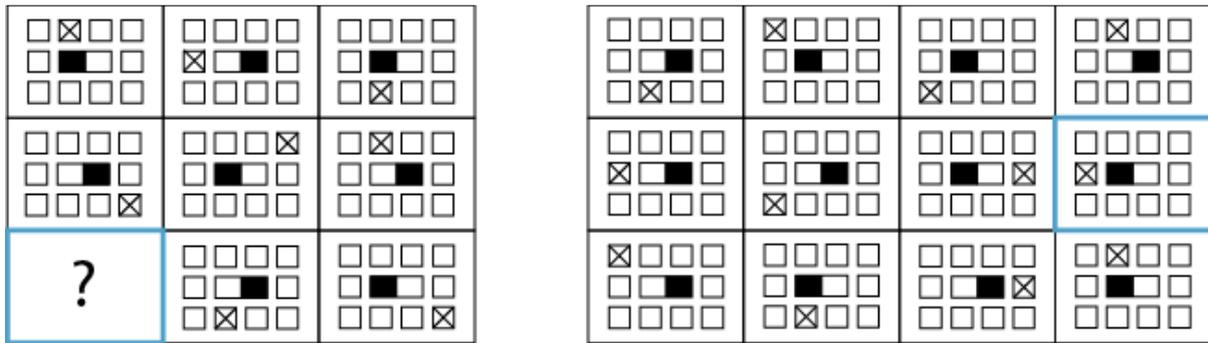Rule 2: The total number of edges on the shapes in each box is equal to ten.

Q12 What replaces the question mark?

Rule 1: From left to right, the total number of crossed rectangles increases by one each time. This pattern continues onto the next row.
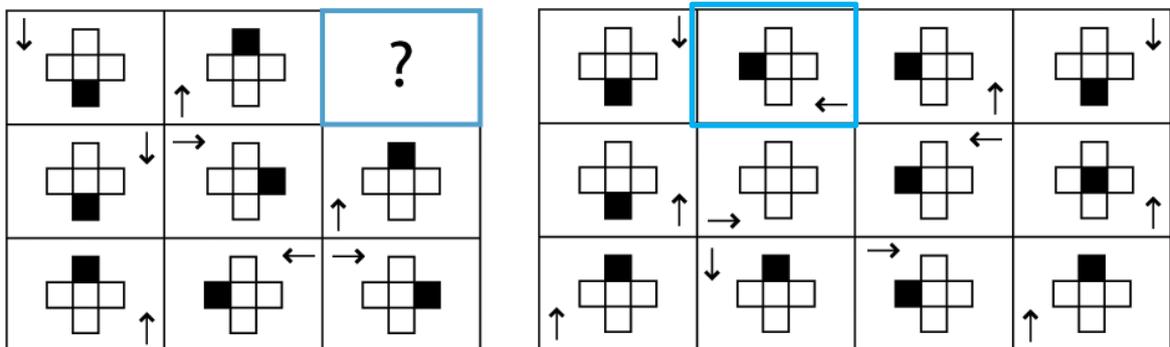
Rule 2: From right to left, the total number of rectangles increases by three each time. This pattern continues onto the next column.

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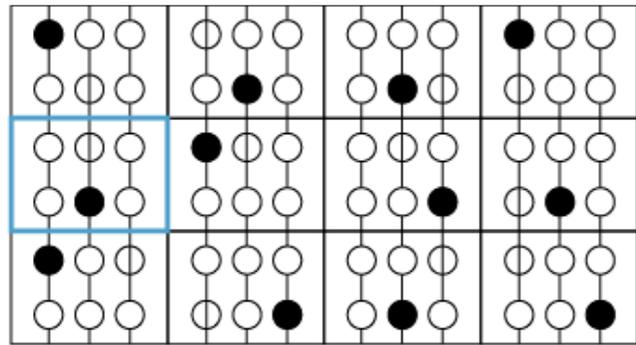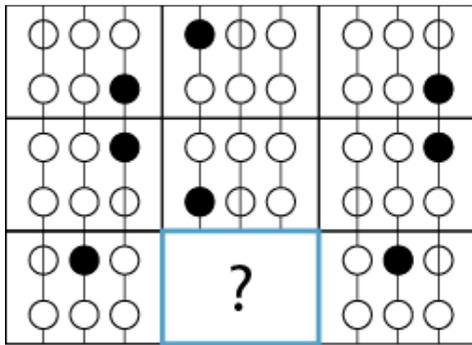www.assessmentday.co.uk

Q13 What replaces the question mark?

Rule 1: From left to right, the crossed square moves two places counterclockwise each time. This pattern continues onto the next row.

Rule 2: From left to right, the shading in the central rectangle alternates between the left and right hand side. This pattern continues onto the next row.

Q14 What replaces the question mark?

Rule 1: From left to right, the arrow moves one place counterclockwise around the box. This pattern continues onto the next row.

Rule 2: The shaded square location is indicated by the arrow in the corner.

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Rule 1: From left to right, the circle behind the line moves one place clockwise each time. This pattern continues onto the next row.

Rule 2: From top to bottom, the shaded circle moves one place counterclockwise each time. This pattern continues onto the next column.

-- End of Test --

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