Logical Reasoning
Test 12

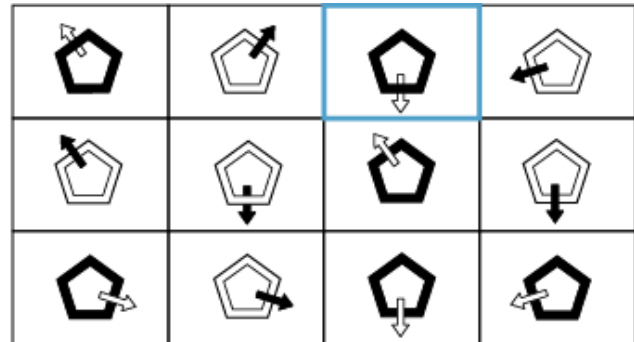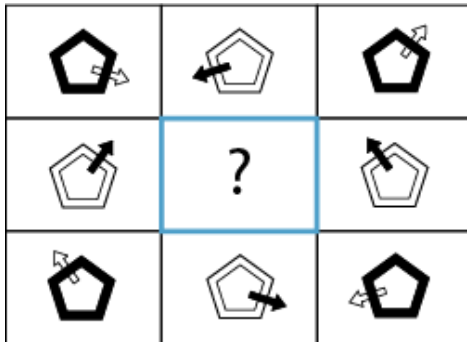📖 Solutions Booklet

Instructions

This test contains **12 questions**. There is an overall time limit of **15 minutes** for the test or **70 seconds** per question.

In each question you will be presented with grid of symbols. You will need to determine which of the possible answers best matches the missing symbol in the grid denoted by a question mark.

Each question will have 1 correct answer from a choice of 5 possible answers, and you must select the most correct option.

Try to find a time and place where you will not be interrupted during the test. The test will begin on the next page.
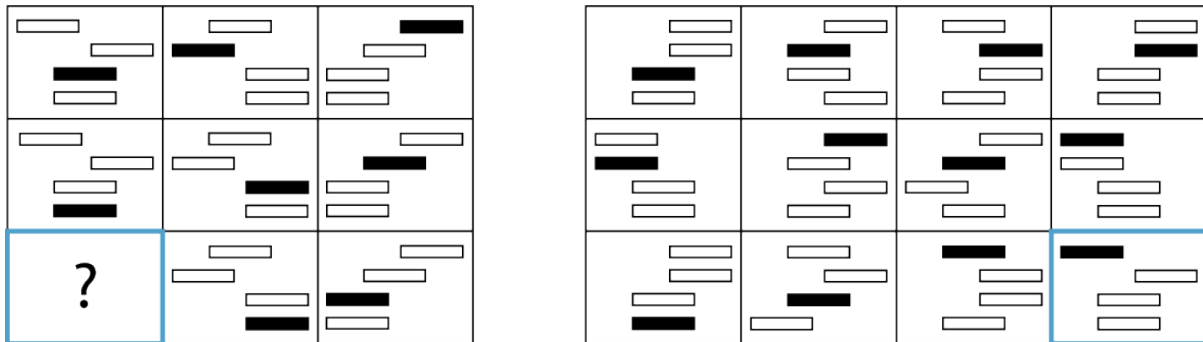
Rule 1: From top to bottom, the arrow moves one place counterclockwise each time. This pattern continues onto the next column.

Rule 2: From left to right, the shading alternates between the pentagon and the arrow. This pattern continues onto the next row.

Rule 3: From left to right, the arrow alternates between being behind in the background and being in the foreground. This pattern continues onto the next row.
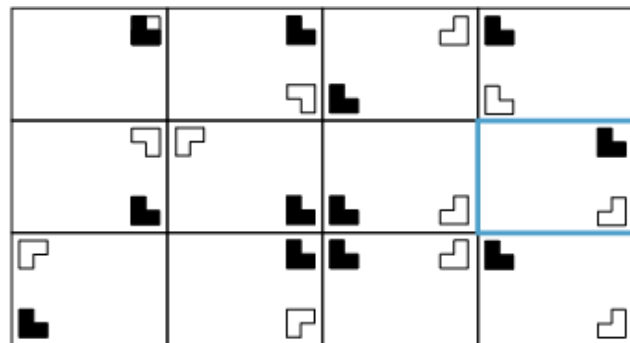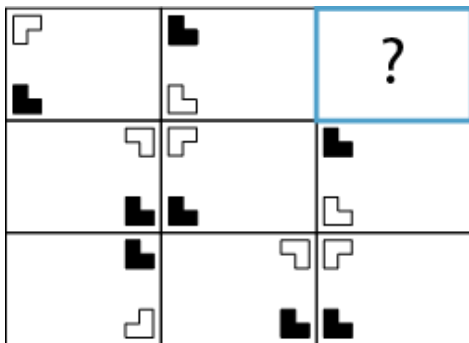
Rule 1: From left to right, the top and bottom bars move one place from left to right each time. This pattern continues onto the next row.

Rule 2: From left to right, the middle bars move one place to the right each time. This pattern continues onto the next row.

Rule 3: From top to bottom, the shaded bar moves down one place each time. This pattern continues onto the next column.
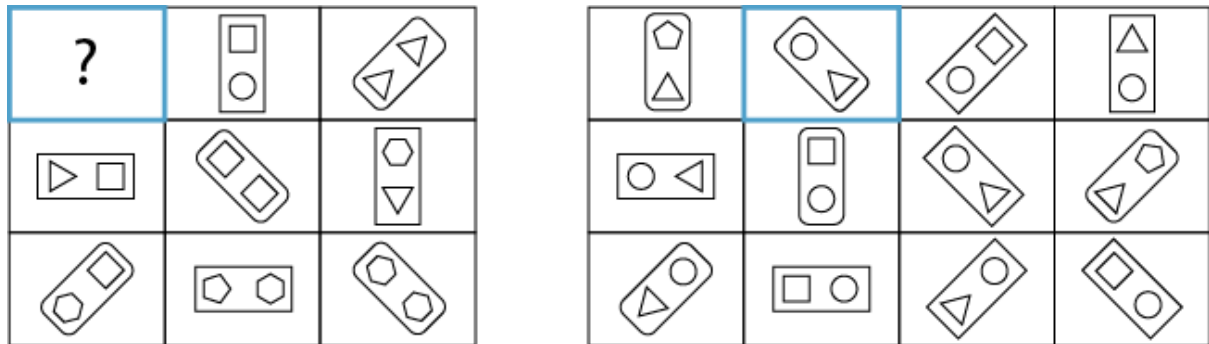
Rule 1:   From left to right, the shaded symbol moves one place clockwise each time. This pattern continues onto the next row.

Rule 2:   From top to bottom, the unshaded symbol moves one place clockwise each time. This pattern continues onto the next column.

Rule 3:   From left to right, the unshaded symbol rotates 90˚ counterclockwise each time. This pattern continues onto the next row.
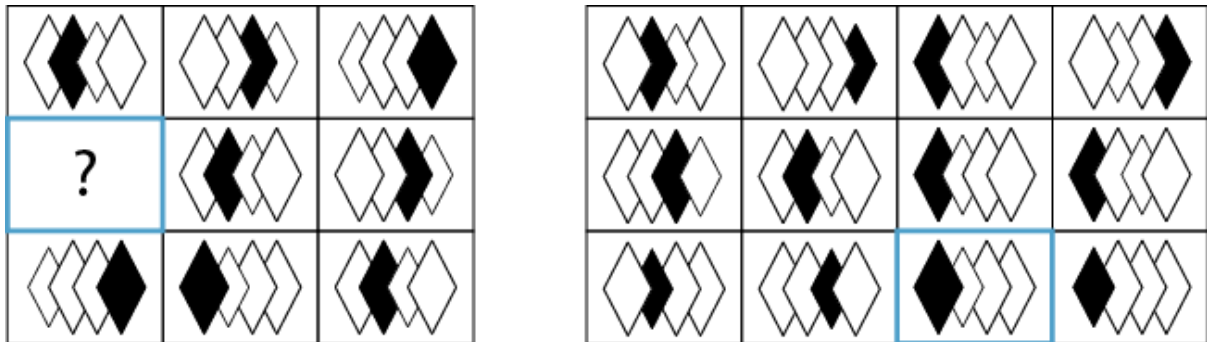
Q4 What replaces the question mark?

Rule 1: From left to right, the outer rectangle rotates 45˚ clockwise each time. This pattern continues onto the next row.

Rule 2: From left to right, the total number of edges on the inner shapes increases by one each time. This pattern continues onto the next row.

Rule 3: From top to bottom, the rectangle alternates between having sharp and rounded edges. This pattern continues onto the next column.
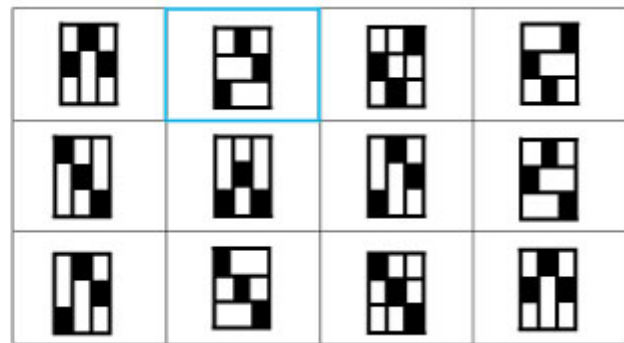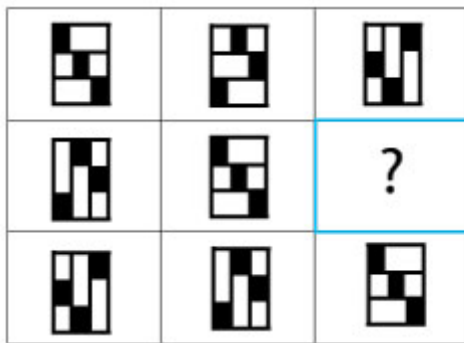
Q5   What replaces the question mark?

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

Rule 2:   From top to bottom, the smaller diamond moves one place to the left each time. This pattern continues onto the next column.

Rule 3:   From left to right, the diamonds alternate between moving from foreground to background and vice versa. This pattern continues onto the next row.
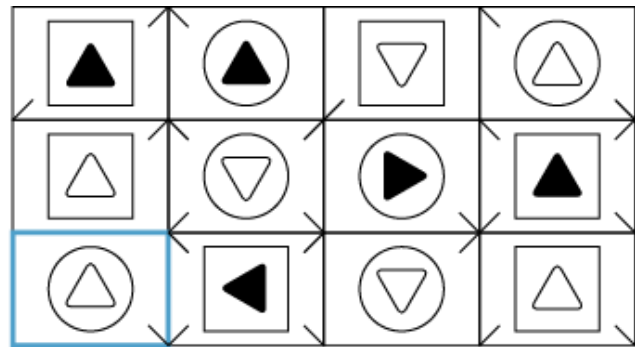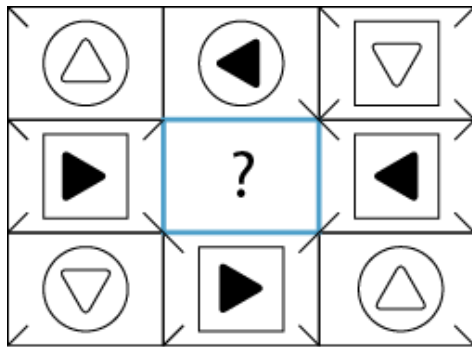
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Rule 1: From top left to bottom right, the three black squares move in a consistent pattern that alternate: A B C B A

Rule 2: From top left to bottom right, the middle lines change after a repeat from horizontal, to vertical and back.
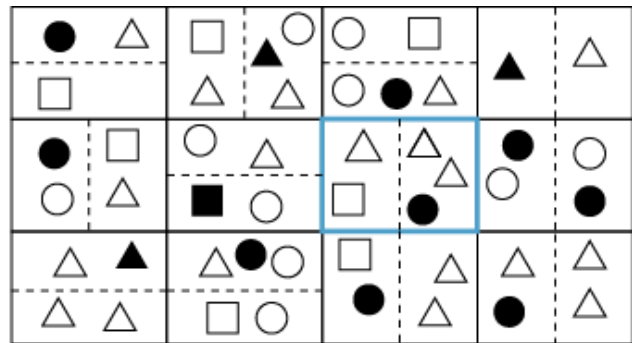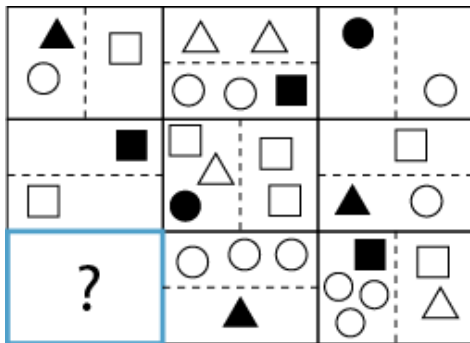
Q7 What replaces the question mark?

Rule 1: From left to right, the triangle rotates 90˚ counterclockwise each time. This pattern continues onto the next row.

Rule 2: From left to right, the triangle alternates between shaded and unshaded. This pattern continues onto the next row.

Rule 3: The total number of notches in the box corners is equal to the total number of edges on the large shape.
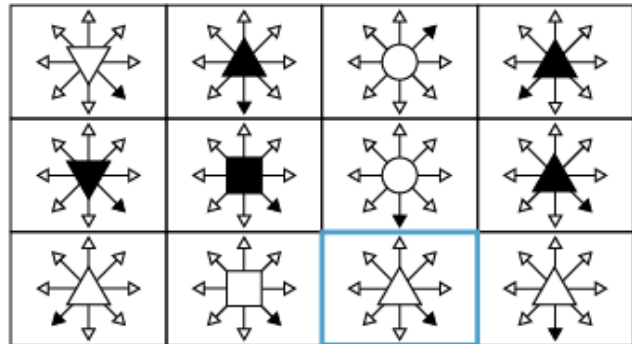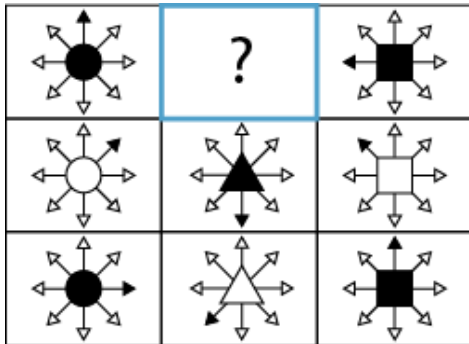
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Rule 1: The total number of edges on the shapes in each half of the box is equal.

Rule 2: Each row and column has one shaded triangle, one shaded circle and one shaded square.

Rule 3: From left to right, the dividing line alternates between being horizontal and vertical. This pattern continues onto the next row.

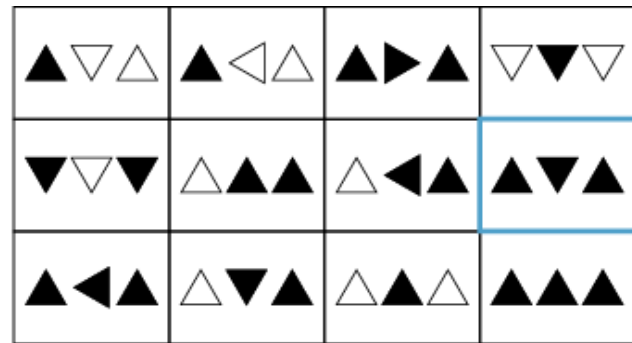**Q9   What replaces the question mark?**

Rule 1:   From top to bottom, the shaded arrow moves one place clockwise each time. This pattern continues onto the next column.

Rule 2:   From left to right, the central shape alternates between shaded and unshaded. This pattern continues onto the next row.

Rule 3:   From left to right, the central shapes alternate between circle, triangle and square in that order. This pattern continues onto the next row.
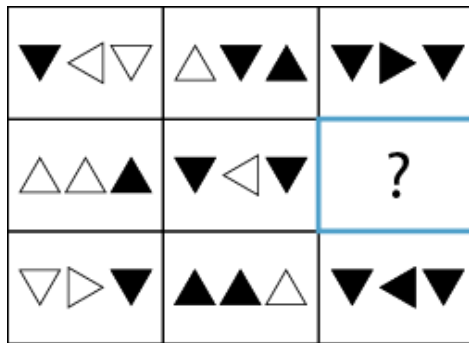
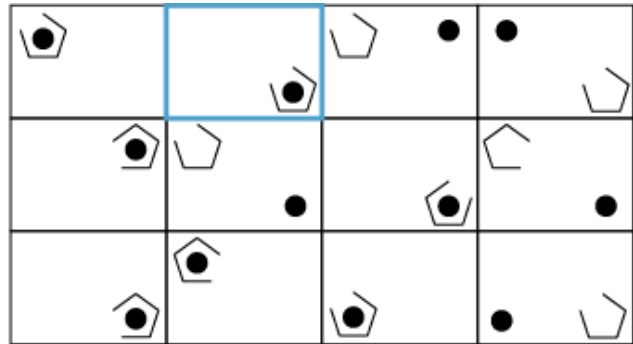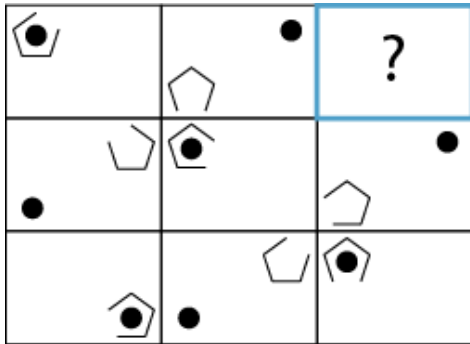**Q10** What replaces the question mark?

Rule 1: From top to bottom, the middle triangle rotates 90˚ clockwise each time. This pattern continues onto the next column.

Rule 2: From left to right, the left and right hand triangles rotate 180˚ each time. This pattern continues onto the next row.

Rule 3: From left to right, the total number of shaded triangles increases by one each time.

Q11 What replaces the question mark?

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

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

Rule 3: From left to right, the shaded circle moves one place clockwise each time. This pattern continues onto the next row.

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%#@+	£%$&	=8#@	%&++
+=8#	%&$$	#£&&	£+=$

Rule 1: From top to bottom, left column to right, there is a strong of 9 characters that repeat in the same order.

Rule 2: Starting with a double on the first, a character will double every 4 subsequent characters.

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End of test

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