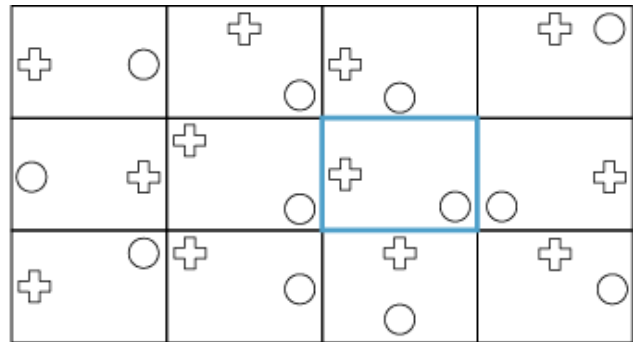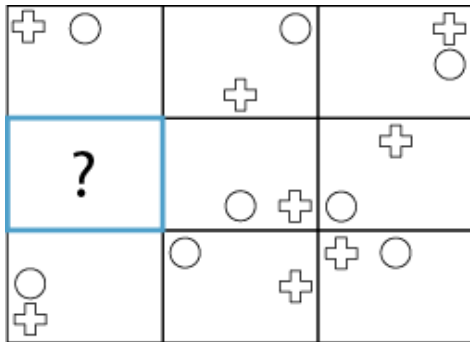# Logical Reasoning

Test 7

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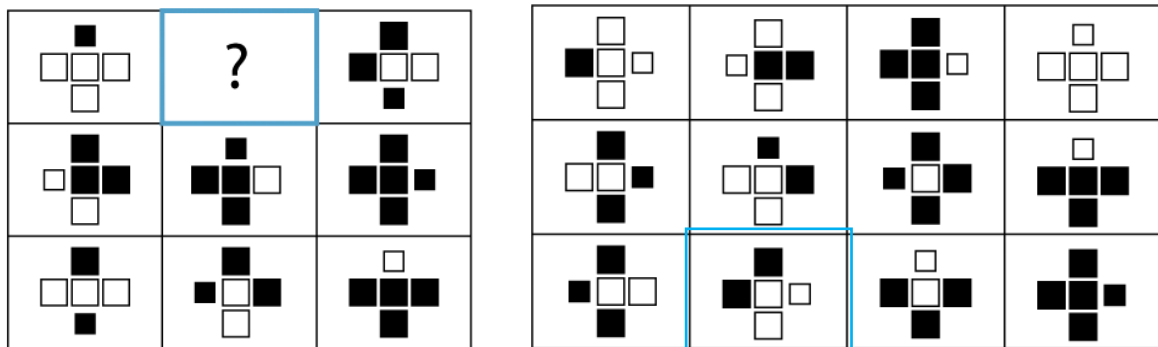
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Rule 1: From top to bottom, the cross moves one place counterclockwise each time. This pattern continues onto the next column.

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

Q2   What replaces the question mark?

Rule 1:   From top to bottom, the smaller square moves one place counterclockwise each time. This pattern continues onto the next column.

Rule 2:   From left to right, the total number of shaded squares increases by one each time. This pattern begins again on the next row.
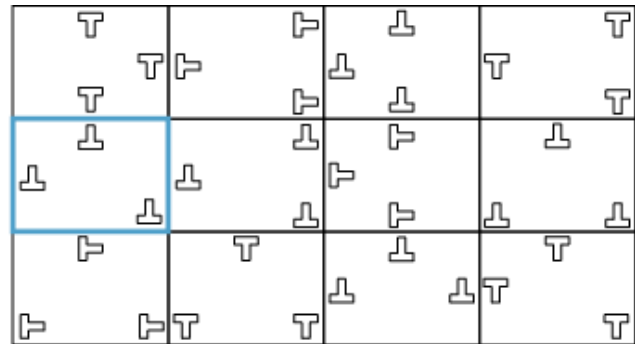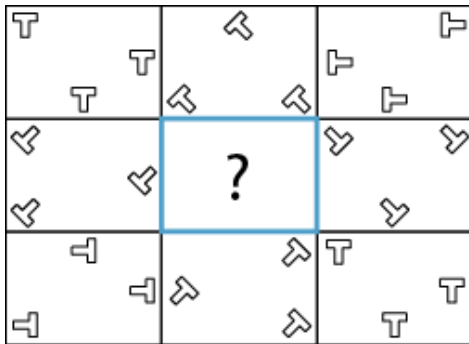
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Q3 What replaces the question mark?

$ @ # %	@ # % $	# % $ @
% $ @ #	$ @ # %	**?**
# % $ @	% $ @ #	$ @ # %

@ # $ %	$ # @ %	@ # % $	# @ % $
@ # % $	# @ % $	@ # $ %	@ # % $
@ # $ %	@ # % $	# @ % $	$ # @ %

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

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

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Q4 What replaces the question mark?

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

Rule 2: From left to right, each shape rotates 45˚ counterclockwise each time. This pattern continues onto the next row.
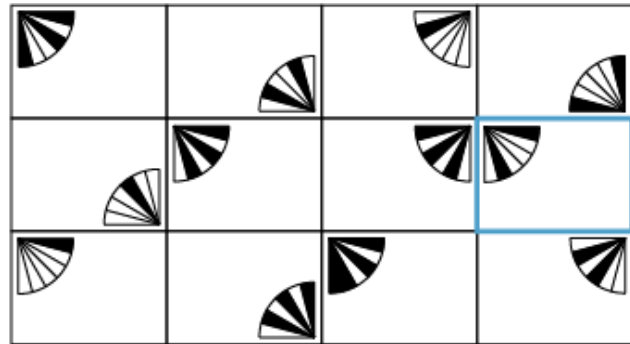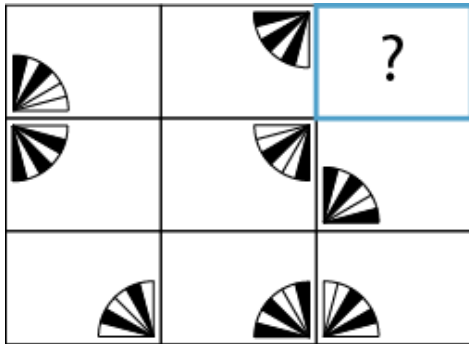
◁◁▲	▶▶△	▼▷▷
▽◀◀	**?**	▶▶△
▼▼▷	◀▽▽	◁▲▲

△◀▲	▼△△	▲▶▷	▲▲▷
◁▲▷	◁◁▲	▽▽◁	▷▷▼
△◁◀	▶▶△	△▷▶	▽▽▲

Rule 1: From left to right, the arrows alternate from two white, two black and vice-versa, across the boxes.

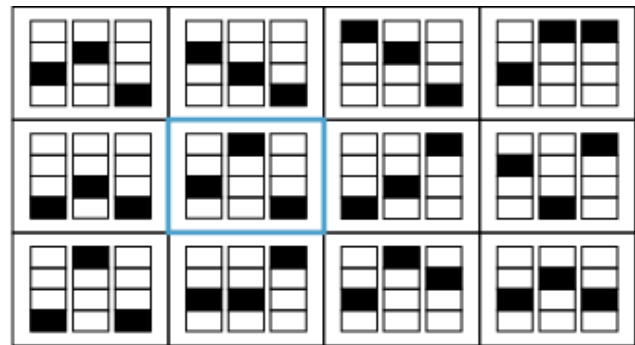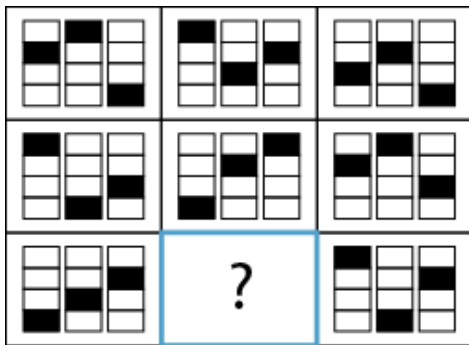**Rule 2:** From top to bottom, the arrows of the same colour rotate 90 degrees clockwise descending from one box to the next.

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Rule 1: From top to bottom, the fan moves clockwise one place, then two places, then three places and so on. This pattern continues onto the next column.

Rule 2: From left to right, the total number of shaded segments alternates between two and three. This pattern continues onto the next row.
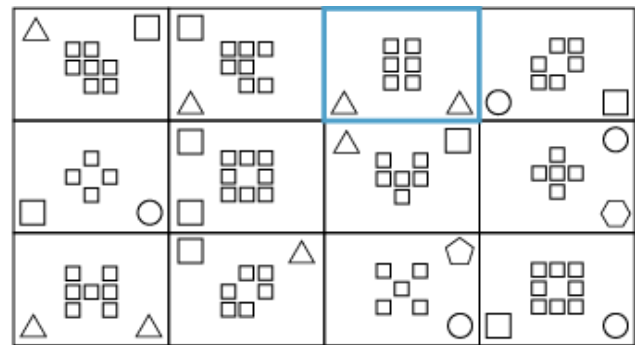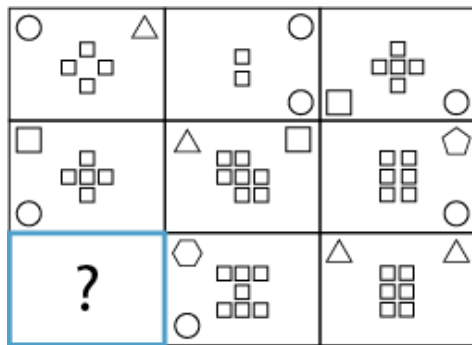
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What replaces the question mark?

Rule 1: From left to right, each shaded box moves down one place each time. When the shading reaches the bottom it starts again at the top position. This pattern continues onto the next row.

Rule 2: From left to right, each column moves one place to the right each time. This pattern continues onto the next row.
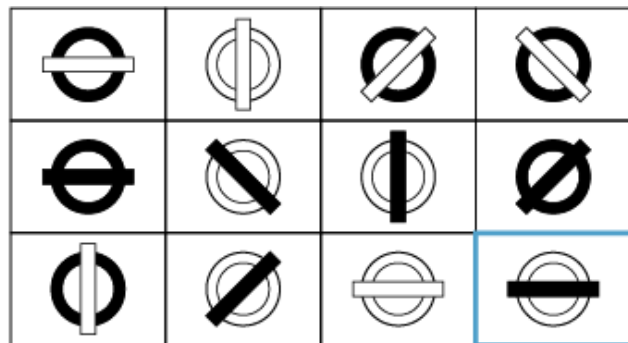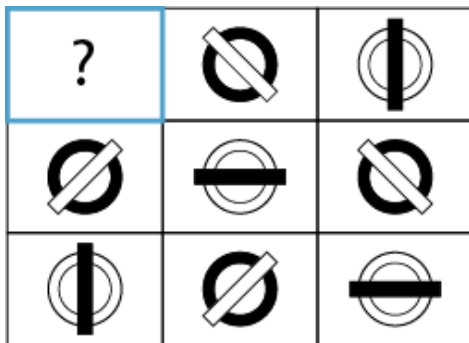
Rule 1: From top to bottom, the two large shapes move one place counterclockwise each time. This pattern continues onto the next row.

Rule 2: The total number of small squares in the centre is always equal to the total number of edges on the large shapes.
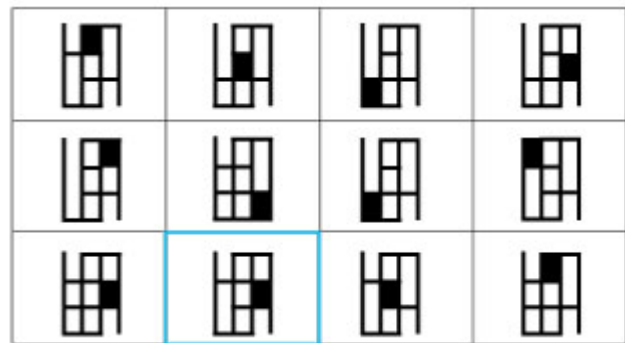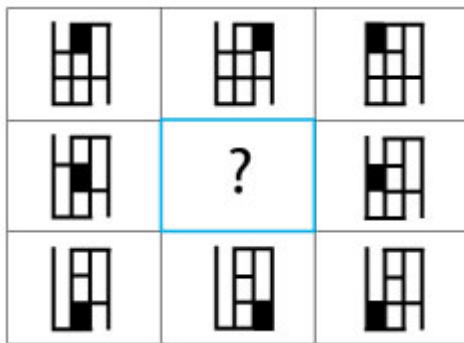
Rule 1: From top to bottom, the symbol rotates 45˚ counterclockwise each time. This pattern continues onto the next column.

Rule 2: From left to right, the shading alternates between the ring and the bar. This pattern continues onto the next row.
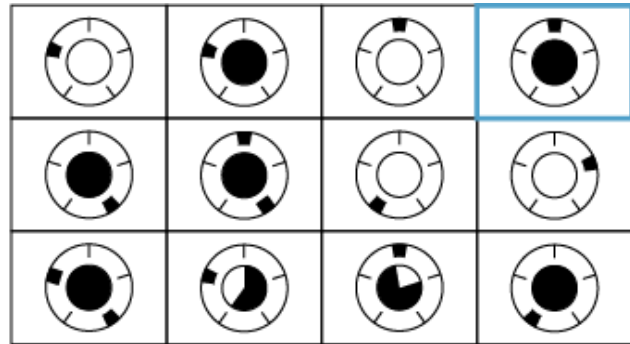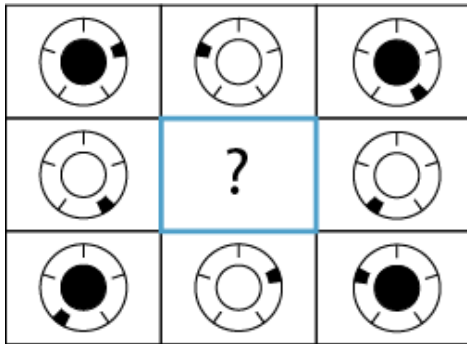
Rule 1: The black square moves in 9-grid method, moving down in a column and moving right every row, circling back round.

Rule 2: From top to bottom, the central lines on the left side of the shape decrease: 2, 1, then 0.
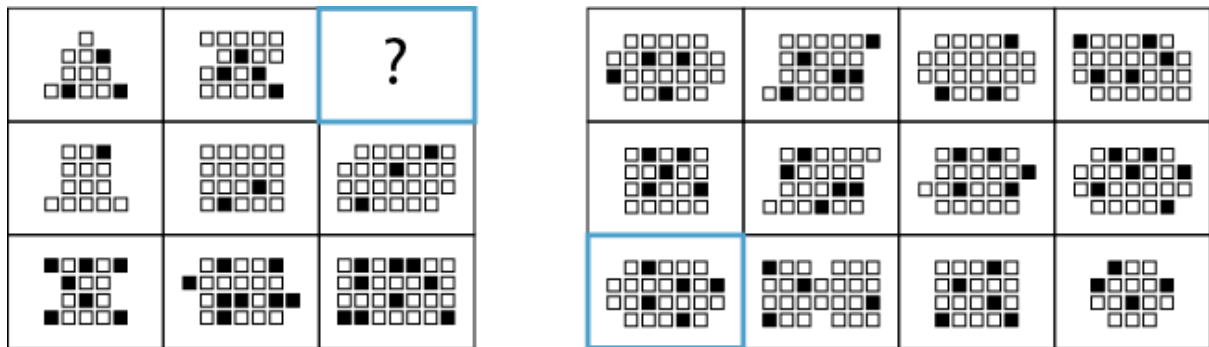
Rule 1:   From top to bottom, the symbol rotates 72˚ clockwise each time. This pattern continues onto the next column.

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

What replaces the question mark?

Rule 1: From top to bottom, the total number of squares increases by two each time. This pattern continues onto the next column.

Rule 2: From left to right, the total number of shaded boxes increases by one each time. This pattern begins again on the next row.

End of test

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