

Logical Reasoning

Test 2



Solutions Booklet

Instructions

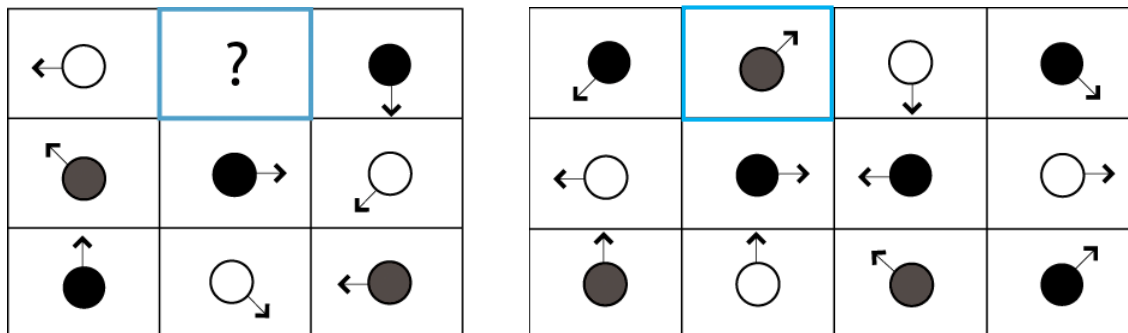
This test contains **12 questions**. There is an overall time limit of **15 minutes** for the test or **70 seconds** per question.

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.

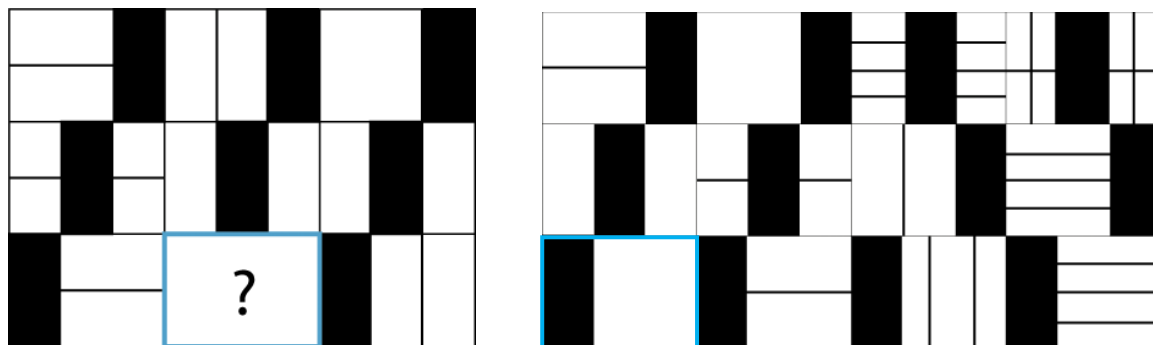
Q1 What replaces the question mark?



Rule 1: From top to bottom the dial turns 45° clockwise and continues on to the next column.

Rule 2: There is a circle of each shade in every column and row.

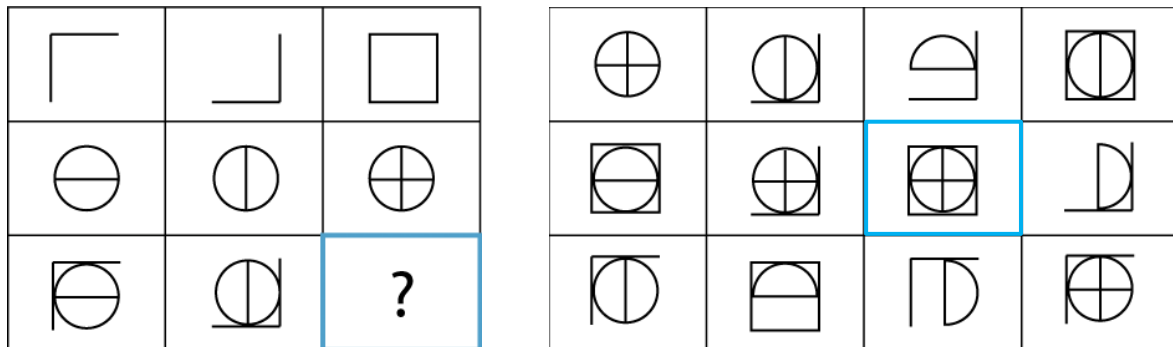
Q2 What replaces the question mark?



Rule 1: The shaded rectangle shifts one place to the left from row to row.

Rule 2: The 1st column has a horizontal line through the middle, the 2nd has a vertical line on the left and the 3rd column has a vertical line on the right.

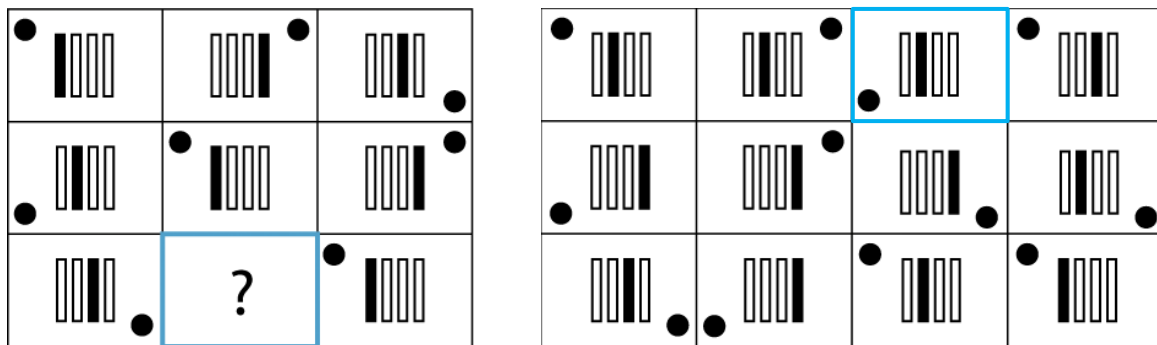
Q3 What replaces the question mark?



Rule 1: From the left across each row, the first two shapes combine to create the third shape.

Rule 2: From the top of each column, the first two shapes combine to create the third shape.

Q4 What replaces the question mark?



Rule 1: From top to bottom, the shaded segment moves one place to the right and continues onto the next column.

Rule 2: From left to right, the shaded circle moves one place clockwise and continues onto the next row.

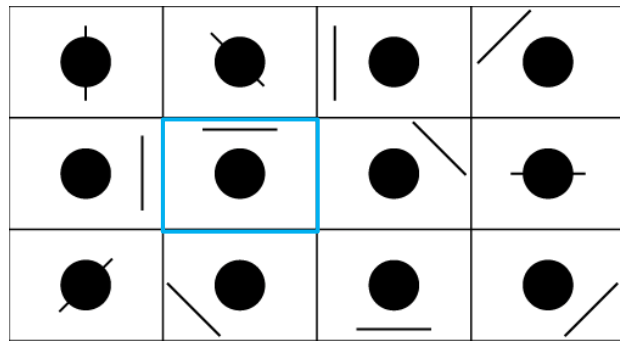
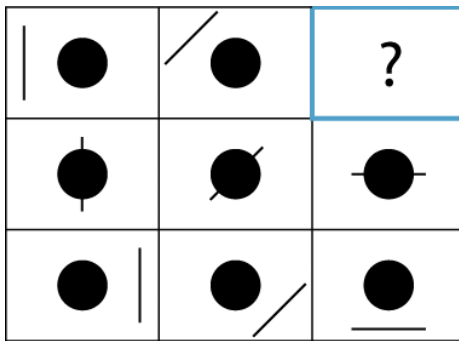
Q5 What replaces the question mark?

▼▲▶▲	▲▼▲▶	▶▲▼▲
▲▶▲▼	▼▲▶▲	?
▶▲▼▲	▲▶▲▼	▼▲▶▲

▲▼▲▶	▶▲▶▼	▲▲▶▼	▼▼▲▶
▶▶▶◀	▼▲▼▲	▲▶▲▶	▶▼▲▶
▲▼▼▲	▲▶▼▲	▼▶▲▼	▶▲▼▲

Rule 1: From left to right, the down and right mark shift to their right, while the two up marks stay in position.

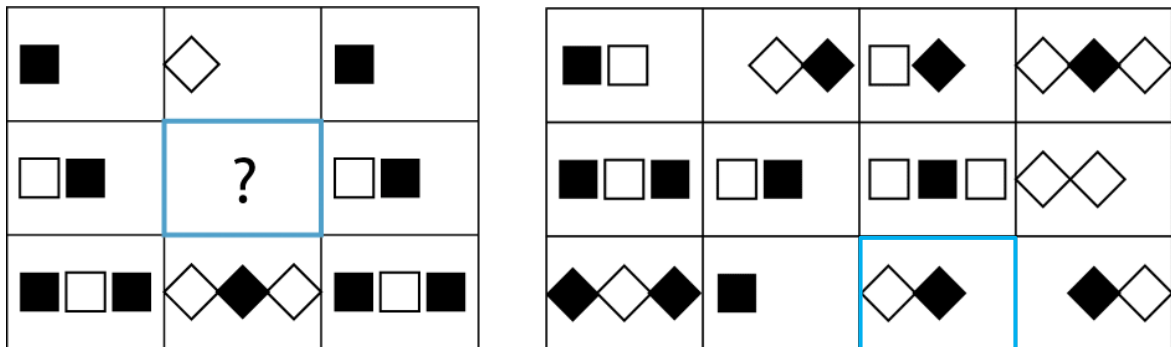
Q6 What replaces the question mark?



Rule 1: From top to bottom, the line moves from left to right and continues onto the next column.

Rule 2: From left to right, the line alternates between being vertical, diagonal or horizontal and continues onto the next row.

Q7 What replaces the question mark?

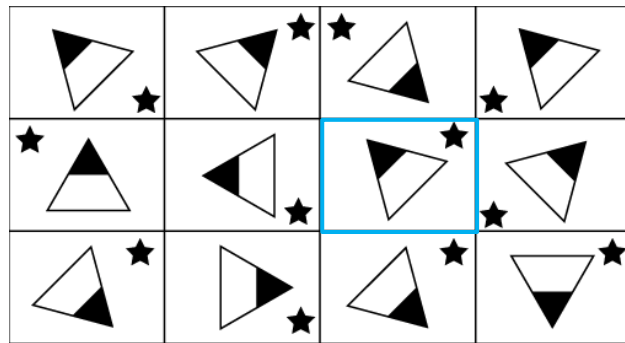
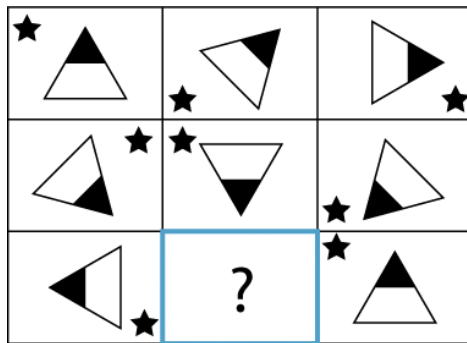


Rule 1: From top to bottom, the number of squares increases by one until there are three and starts again on a new column.

Rule 2: From left to right, the squares rotate by 45° each time.

Rule 3: From left to right, the shading alternates across each individual square within each box. So across all the boxes there should be a black-white-black-white pattern.

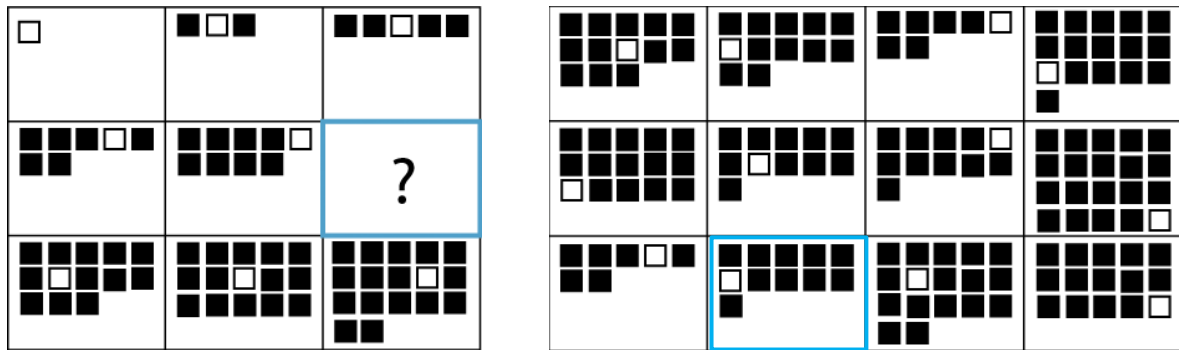
Q8 What replaces the question mark?



Rule 1: From left to right, the triangle rotates 45° each time and continues onto the next row.

Rule 2: From top to bottom, the shaded star moves one place clockwise and continues onto the next column.

Q9 What replaces the question mark?



Rule 1: From left to right, the number of squares increases by two each time and continues onto the next row.

Rule 2: From left to right, the unshaded square moves one place to the right each time and continues onto the next row.

Q10 What replaces the question mark?

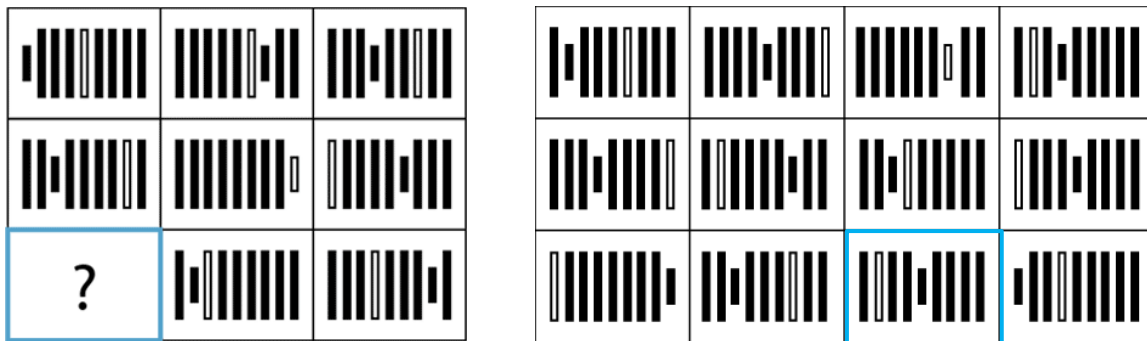
I	II	?
II	III	IIII
III	IIII	IIII

I	II	III	IIII
II	III	IIII	IIII
III	IIII	I	II

Rule 1: Each column contains a consistent number of horizontal lines.

Rule 2: From top to bottom, the number of vertical lines double.

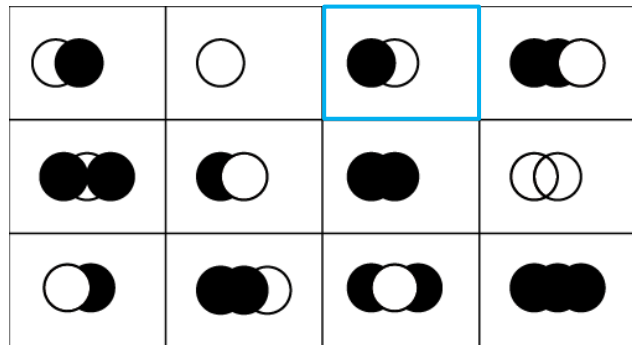
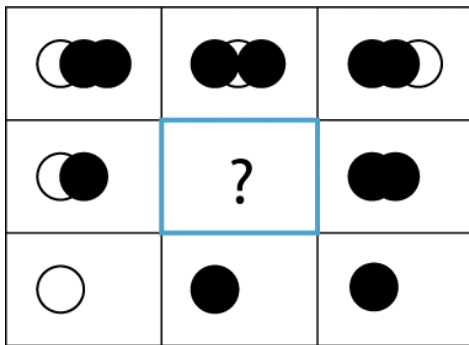
Q11 What replaces the question mark?



Rule 1: From left to right, the unshaded rectangle moves one place to the right and continues onto the next row.

Rule 2: From top to bottom, the small rectangle moves two places to the right and continues onto the next column.

Q12 What replaces the question mark?



Rule 1: From left to right, the unshaded circle moves one place to the right each time.

Rule 2: From top to bottom, the number of circles decreases by one.

End of test