Logical Reasoning

Test 10

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.
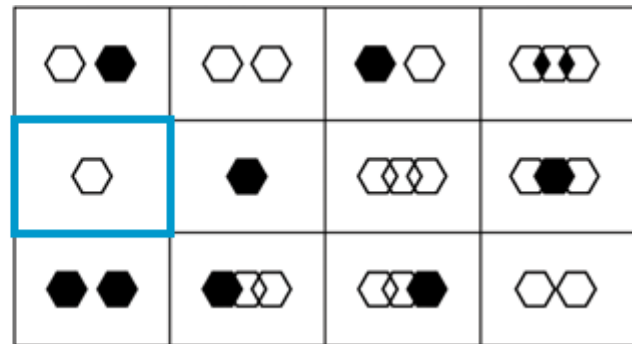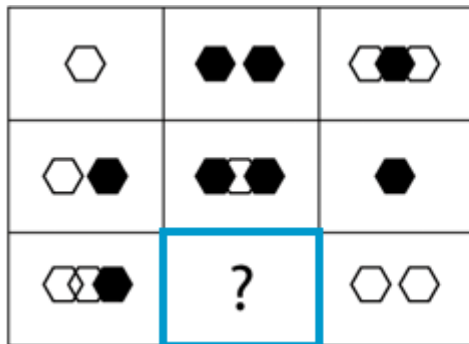
Q1   What replaces the question mark?

←↓↑→	↘↗↗↘	↑←→↓
↗↘↘↗	→↑↓←	↘↗↗↘
?	↗↘↘↙	←↓↑→

←↓↑→	↘↗↗↘	↓←→↓	←↓↑↗
↗↘↘↗	←↑↓→	↘↗↗↘	→↓↑←
↓→←↑	↗↘↘↙	←↑↑→	↙↓↑→

Rule 1: From top to bottom, rightmost and leftmost arrow rotate 45° anticlockwise.

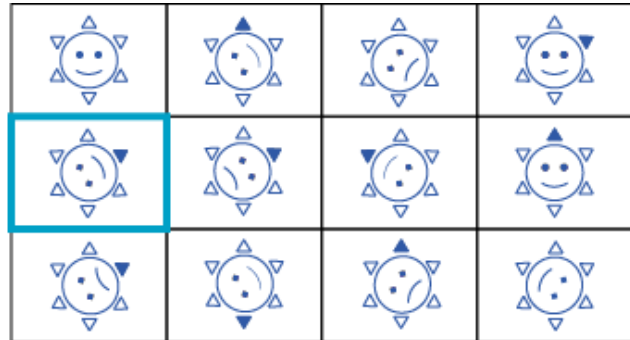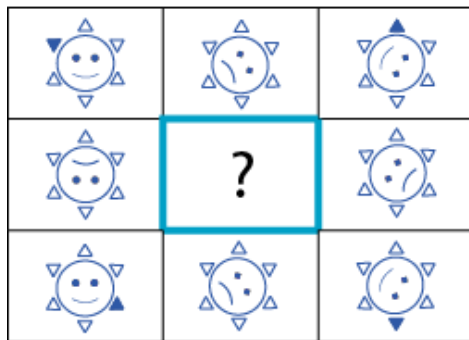**Rule 2:** From left to right, the central arrows rotate 45° clockwise.

https://www.assessmentday.co.uk

Q2 What replaces the question mark?

Rule 1: In each column, one of the squares is the other two squares overlaid.

Rule 2: From left to right, this combined square goes from being the bottom square, to the middle square, to the top square.

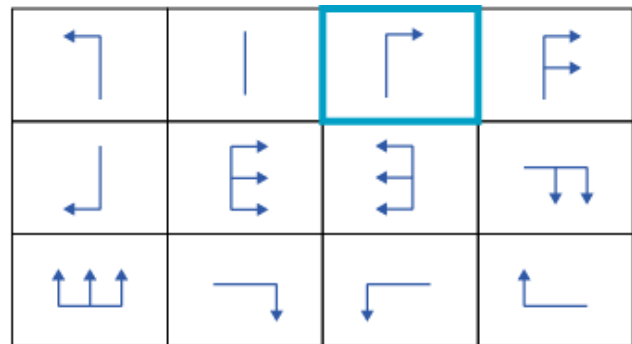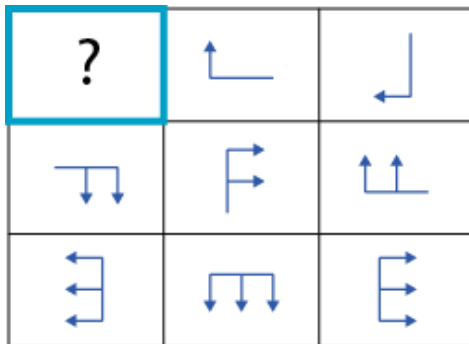https://www.assessmentday.co.uk

Q3   What replaces the question mark?

Rule 1:   From left to right, the shaded triangle moves one place clockwise every second box. This continues onto the next row. In the boxes with the 'sad' face, no triangles are highlighted.

Rule 2:   From left to right the face rotates 60° clockwise (aligning with the next triangle) and alternates from 'happy' to 'sad'. This continues onto the next row.
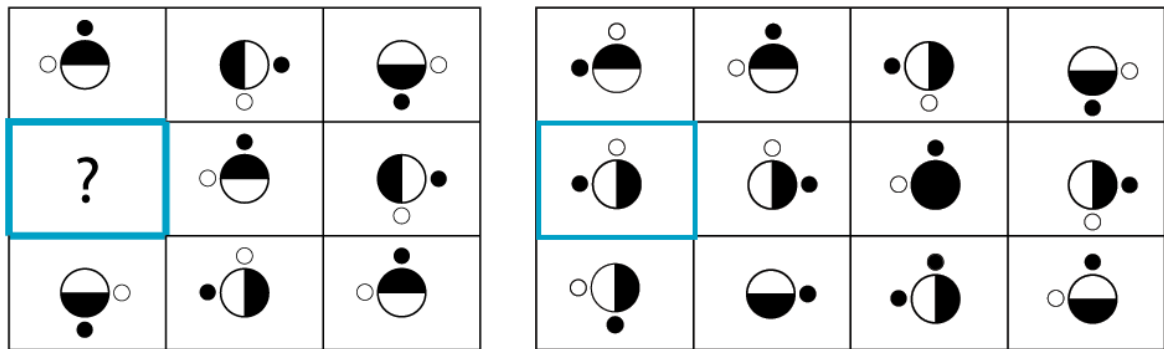
AssessmentDay
Practice Test Experts

https://www.assessmentday.co.uk

Q4 What replaces the question mark?

Rule 1: From left to right, the symbol is rotated 90° anticlockwise, this continues on the next line.

Rule 2: An arrow is added to the symbol each time a new line begins.

https://www.assessmentday.co.uk

Rule 1: From left to right, the central circle rotates 90° anticlockwise. This continues onto the next row.

Rule 2: From left to right, the small white circle moves one place anticlockwise, and the small black circle moves one place clockwise.

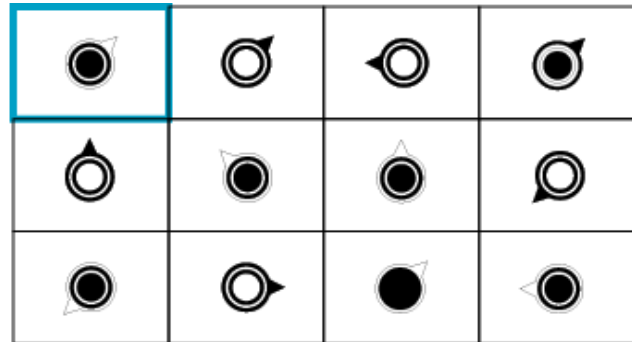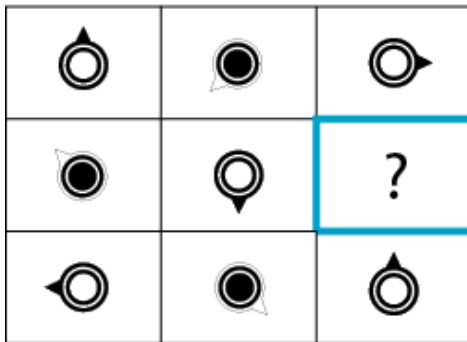**Q6** What replaces the question mark?

▲▲▼▼	▟▟◢◢	◀◀▼▼
◣◣◢◢	▼▼◀◀	**?**
▲▲▶▶	▲▲▲▲	◢◢◥▜

◀◀◀◀	▟▟◥▜	◀◀◢◢	▲▲◥▜
▶▶◀◀	▼▼▼▼	◣◣◢◢	▶▶▶▶
▼▼◣◣	◀◀▶▶	◢◢▶▶	◀◀◢◢

Rule 1: Each row and column must contain a set of three:
A) Only vertical arrows
B) Only diagonal arrows
C) One horizontal and one vertical

Note: The specific direction of the arrow is not important. Only whether it is horizontal, vertical or diagonal.
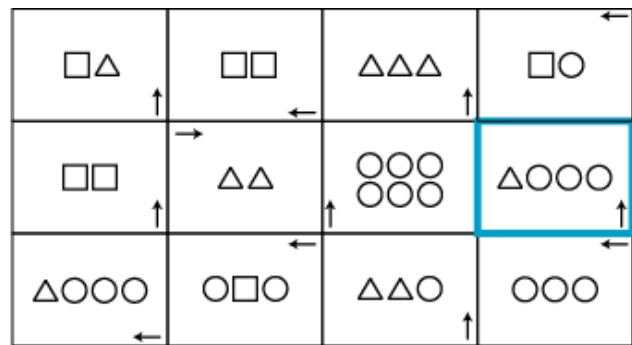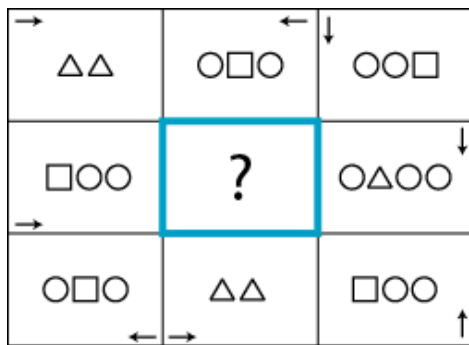
Rule 1: From top to bottom, the shape rotates 45˚ counterclockwise. This pattern continues onto the next column.

Rule 2: From left to right, the shaded rings alternate. This pattern continues onto the next line.

Rule 1: The total number of edges in each box must be equal to 6.

Rule 2: From left to right, the arrow indicates the location of the next arrow.
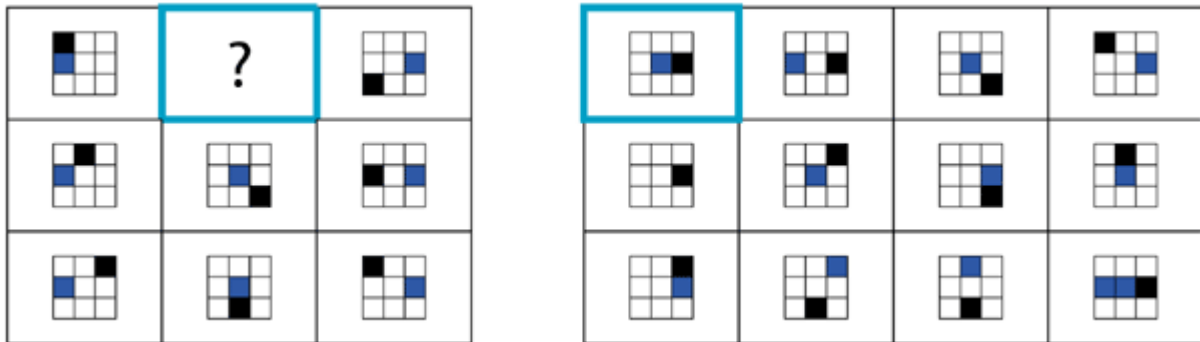
Q9 What replaces the question mark?

@ Ø #	# @ @	@ # Ø
Ø @ #	# # @	@ @ @
@ Ø #	**?**	@ @ @

# # #	# @ #	@ # Ø	Ø # Ø
Ø @ #	@ # #	@ Ø Ø	# Ø Ø
@ Ø #	# # @	@ @ @	@ # @

Rule 1: From left to right, the last symbol in the box is the first symbol in the next box. This pattern continues onto the next row.

Rule 2: From top to bottom, the first symbol in the box is the second symbol in the next box. This pattern continues onto the next column.
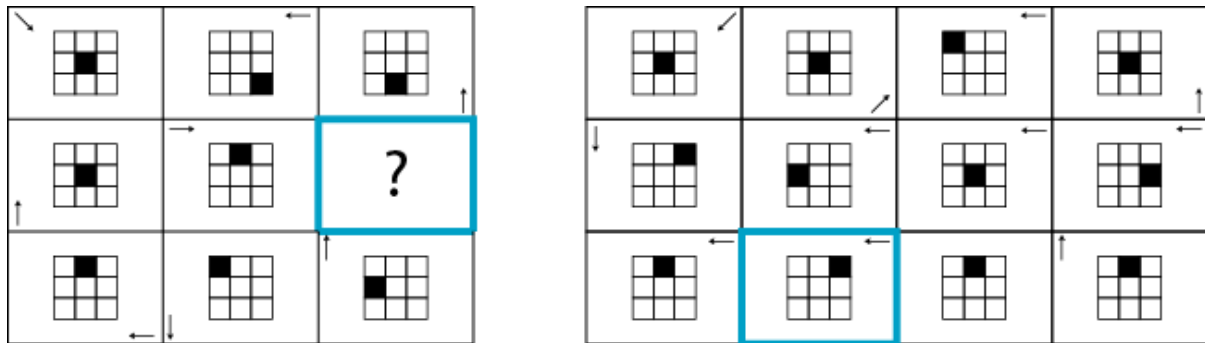
Rule 1: From left to right, the black shaded square rotates 180˚, and then moves one place counterclockwise. This pattern continues onto the next row.

Rule 2: From left to right, the blue shaded box moves one place to the right. This pattern continues onto the next row.

What replaces the question mark?

Rule 1: From left to right, the arrow indicates the movement of the shaded square. This pattern continues onto the next row.

Rule 2: From left to right, the arrow moves to the next corner, clockwise. This pattern continues onto the next row.

↓□↑	→■←	↙□↙
←□→	↘■↗	**?**
↖□↘	↑■↑	→□→

↓■↘	↑■↓	↖□↗	→□↙
↘□→	↙■↓	↓□←	↙■↖
↑□↙	→□↘	↓□↑	↖■↗

Rule 1: From left to right, each column alternates in containing a centre white square or a centre black square.

Rule 2: Each row and column must contain 3 different arrow sets: both horizontal, both vertical and both diagonal.

Rule 3: The arrow being left and right, for example, does not change the arrow direction set – in this case, horizontal.

AssessmentDay
Practice Test Experts

End of test

https://www.assessmentday.co.uk