

Logical Reasoning

Question & Answers

2019 / 2020 edition

What are logical reasoning tests?

Logical Reasoning tests come in three forms: deductive, inductive and abstract. These types of tests do not present you with verbal or numerical information, but instead with logical patterns and shape sequences.

What do logical reasoning tests measure?

Logical reasoning tests measure logical thinking for problem-solving, based on your flexibility in working with data. This involves deductive (ability to proceed from general premises to a specific conclusion), inductive (ability to proceed from specific premises to a general conclusion) and abstract reasoning (ability to find the simplest and most likely explanation relying on observations).

“Logical reasoning tests give employers a deep insight into the applicant's ability to think logically.

As these logical reasoning skills are so transferable, it is highly possible for you to get this test during the selection process both in large and small companies alike.

Instructions for use

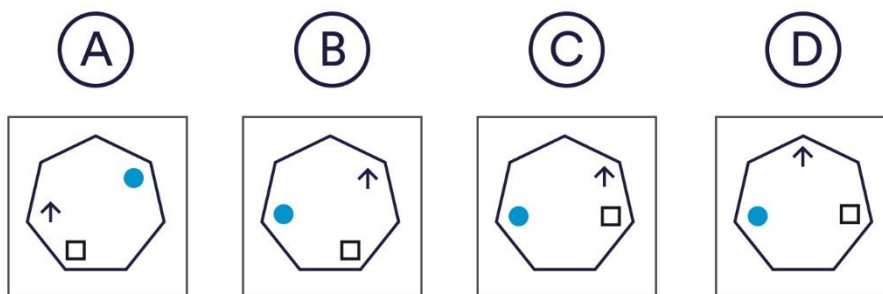
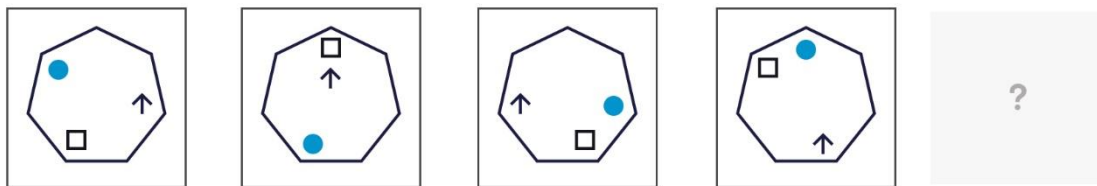
We've provided 5 logical reasoning questions and answers for you to work through. Try and do each one under timed conditions without looking at the answers. Once you've completed each one, look at the answer to assess your performance and see how you can improve moving forwards.

All questions are multiple choice and there is only one correct answer. Try to take the test in an environment where you will not be disturbed.

If you'd like more logical reasoning test practice, you can access our huge [logical reasoning test](#) vault online. They're all written by industry experts and are designed to replicate the real tests.

Question 1

Which of the given shapes would complete the sequence?



A) ☐

B) ☐

C) ☐

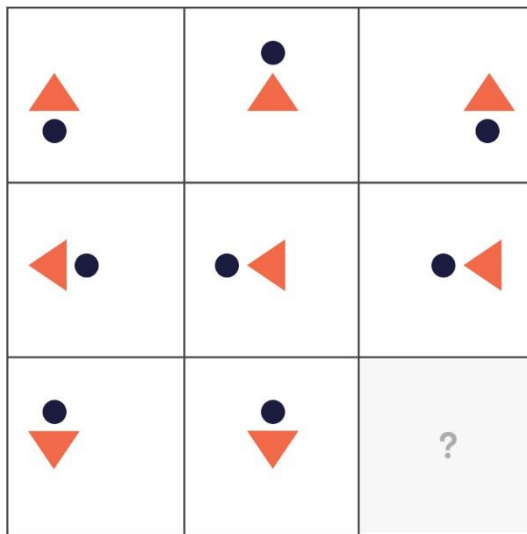
D) ☐

Solution

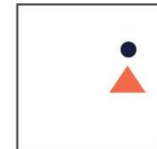
Answer = C. The shapes are moving around the points of the polygon. The circle and arrow are both moving anti-clockwise 2 points, and the square is moving 4 spaces in a clockwise direction.

Question 2

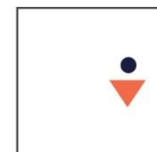
Which of the given shapes would complete the sequence?



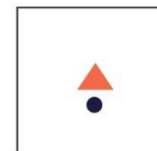
(A)



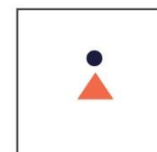
(B)



(C)



(D)



A) ☐

B) ☐

C) ☐

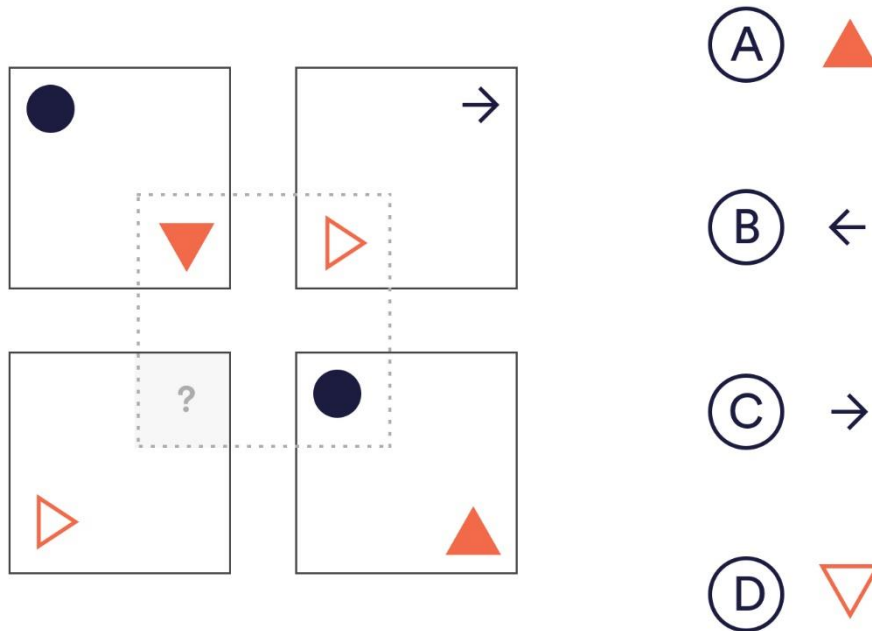
D) ☐

Solution

Answer = B. The only shape that is important to note in this example is the orange triangle. It is positioned within its square according to the square's position in the image. The triangles in the left-hand column are positioned to the left, the triangles in the middle column are centred in their corresponding squares and the same for the right hand side.

Question 3

Which of the given shapes would complete the sequence?



A) ☐

B) ☐

C) ☐

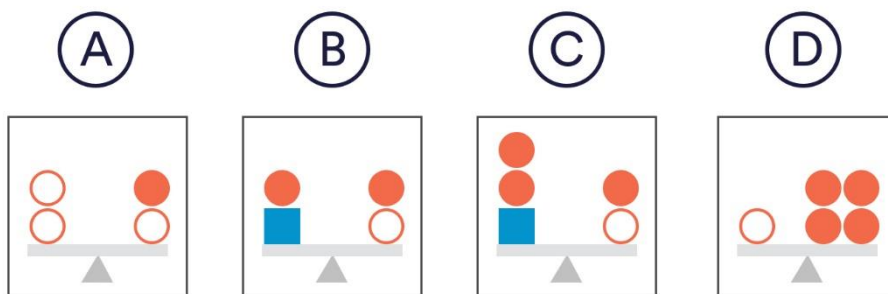
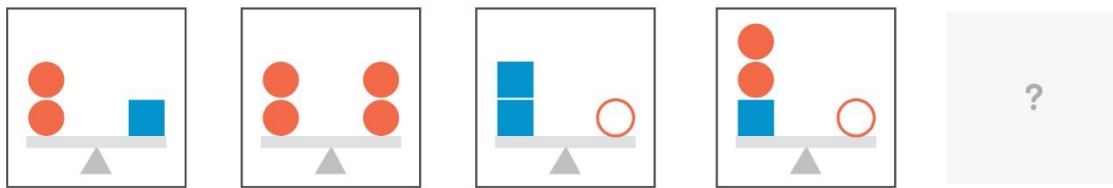
D) ☐

Solution

Answer = C. The shapes inside the dotted square correspond to the outer square adjacent to the opposite corner. The shapes change orientation as if they have been reflected in a mirror line separating the top and bottom squares through the middle.

Question 4

Which of the given shapes fits the pattern in the sample images?



A) ☐

B) ☐

C) ☐

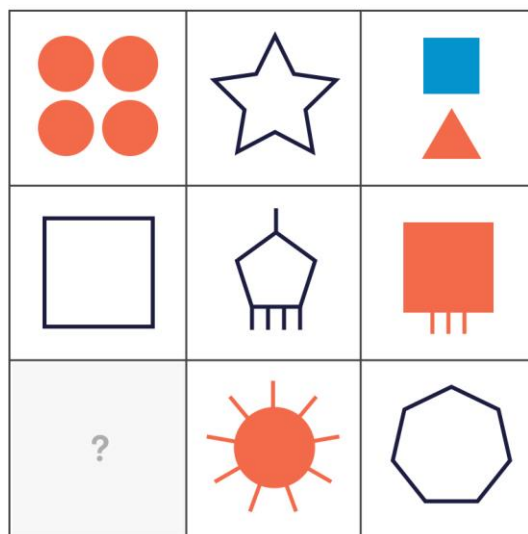
D) ☐

Solution

Answer = D. This question is asking you to identify the relationship between the 3 shapes. The shapes on the left of the scale represent the same value as those shapes on the right. From the first image we can work out the 2 orange circles equate to one blue square. Similarly, two blue squares equate to one white circle. Therefore: 1 white circle = 2 blue squares = 4 orange circles.

Question 5

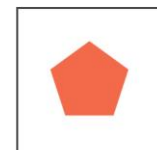
Which of the given shapes would complete the sequence?



(A)



(B)



(C)



(D)



A) ☐

B) ☐

C) ☐

D) ☐

Solution

Answer = A. The number of lines featured in each square is related to which column they sit in. The shapes going down the middle column all have 10 lines, the shapes on the right have 7 and the 2 shapes that we can see on the left have 4.

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