

Free Inductive Reasoning Test

10 questions with a worked solution for every one

This is a full-length practice test. Each question shows a sequence of shapes that changes by a consistent rule; pick the option that comes next. Give yourself 10 minutes and work without checking the answers as you go. Every question has exactly one correct answer.

The worked solutions start after the last question. They name the rule at work and explain every wrong option, so a question you get wrong tells you something.

Questions	10
Suggested time limit	10 minutes
Format	Multiple choice, pick the next shape
Answers	Included, with full worked solutions

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Written by Guy Thornton. Updated 20 July 2026.

Questions

QUESTION 1 OF 10

Which shape comes next in the sequence?



A)

B)

C)

D)



QUESTION 2 OF 10

Which shape comes next in the sequence?



A)

B)

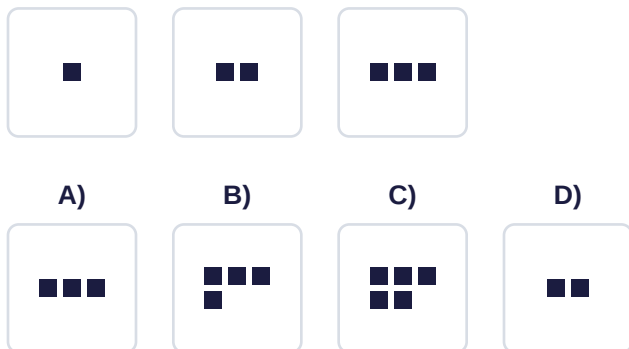
C)

D)



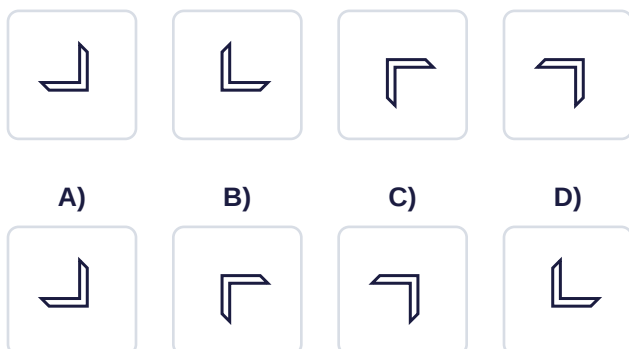
QUESTION 3 OF 10

Which shape comes next in the sequence?



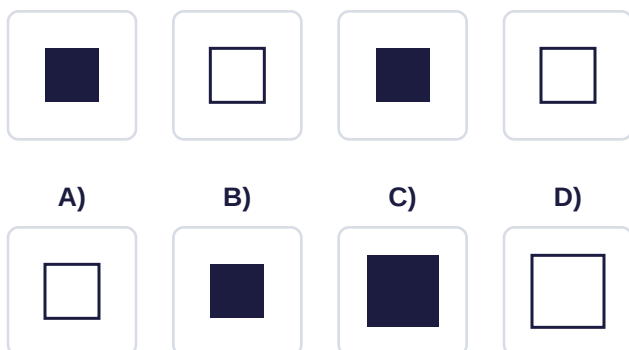
QUESTION 4 OF 10

Which shape comes next in the sequence?



QUESTION 5 OF 10

Which shape comes next in the sequence?



QUESTION 6 OF 10

Which shape comes next in the sequence?



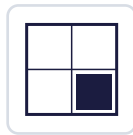
A)



B)



C)



D)



QUESTION 7 OF 10

Which shape comes next in the sequence?



A)



B)



C)

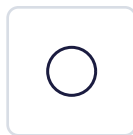
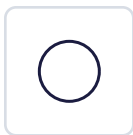
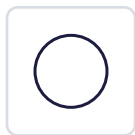


D)



QUESTION 8 OF 10

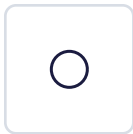
Which shape comes next in the sequence?



A)



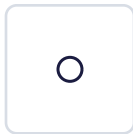
B)



C)



D)



QUESTION 9 OF 10

Which shape comes next in the sequence?



A)

B)

C)

D)



QUESTION 10 OF 10

Which shape comes next in the sequence?



A)

B)

C)

D)



Answers and worked solutions

Every wrong option is explained too, not just the correct answer.

Question 1

Correct answer: D



The answer is D. The shapes repeat in a fixed three-step cycle: pentagon, then triangle, then circle. After the cycle restarts with the pentagon, the next shape is the triangle. Option A jumps to the third shape in the cycle, skipping one. Option B repeats the shape just shown rather than advancing the cycle. Option C introduces a diamond, a shape the cycle never uses.

Question 2

Correct answer: A



The answer is A. The diamond changes size by the same amount each step, getting larger. The next diamond continues the progression to width 48. Option B changes size by two steps instead of one. Option C repeats the previous size instead of changing it again. Option D changes size in the wrong direction.

Question 3

Correct answer: B



The answer is B. The number of squares increases by 1 at each step. The next group therefore has 4 squares. Option A repeats the previous count without adding any more. Option C adds two steps instead of one. Option D reduces the count instead of increasing it.

Question 4

Correct answer: A



The answer is A. Each chevron turns 90° clockwise from the one before it. Continuing the turn gives the chevron at 45°. Option B turns back the way the sequence came instead of continuing. Option C repeats the last shape without applying the final turn. Option D over-rotates by one extra 90° step.

Question 5

Correct answer: B



The answer is B. The square alternates between shaded and unshaded at each step. The fourth shape is unshaded, so the next one is shaded again. Option A leaves the shape unshaded instead of toggling the fill back to shaded. Option C shades the shape correctly but enlarges it, though the size never changes. Option D both fails to shade the shape and enlarges it.

Question 6

Correct answer: D



The answer is D. The shaded cell moves one position clockwise around the grid at each step. The next clockwise position is the top-right cell. Option A moves the marker anticlockwise, the wrong way round. Option B leaves the marker where it was, ignoring the move. Option C skips a cell, moving two positions clockwise instead of one.

Question 7

Correct answer: A



The answer is A. The shapes repeat in a fixed three-step cycle: triangle, then hexagon, then star. After the cycle restarts with the triangle, the next shape is the hexagon. Option B introduces a pentagon, a shape the cycle never uses. Option C repeats the shape just shown rather than advancing the cycle. Option D jumps to the third shape in the cycle, skipping one.

Question 8

Correct answer: D



The answer is D. The circle changes size by the same amount each step, getting smaller. The next circle continues the progression to width 16. Option A changes size in the wrong direction. Option B repeats the previous size instead of changing it again. Option C changes size by two steps instead of one.

Question 9

Correct answer: A



The answer is A. The number of squares increases by 2 at each step. The next group therefore has 8 squares. Option B repeats the previous count without adding any more. Option C adds two steps instead of one. Option D reduces the count instead of increasing it.

Question 10

Correct answer: D



The answer is D. Each arrow turns 45° anticlockwise from the one before it. Continuing the turn gives the arrow at 0° . Option A over-rotates by one extra 45° step. Option B repeats the last shape without applying the final turn. Option C turns back the way the sequence came instead of continuing.

Where to go next

That was one full-length test. Employers usually set several, under time pressure, in formats tailored to the role you applied for.

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