

Free Diagrammatic 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

Take this test online with instant marking at www.practiceaptitudetests.com

Free, no sign-up required.

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)



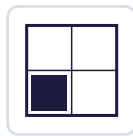






QUESTION 3 OF 10

Which shape comes next in the sequence?



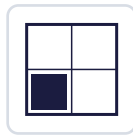
A)



B)



C)

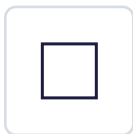


D)

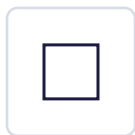


QUESTION 4 OF 10

Which shape comes next in the sequence?



A)



B)



C)

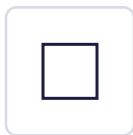
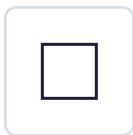
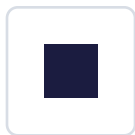


D)



QUESTION 5 OF 10

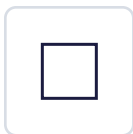
Which shape comes next in the sequence?



A)



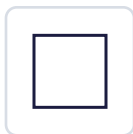
B)



C)



D)



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?

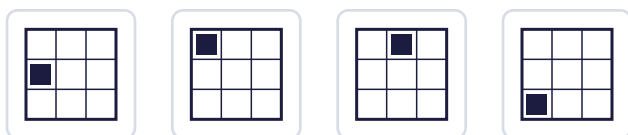


A)

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. Each triangle turns 90° clockwise from the one before it. Continuing the turn gives the triangle at 0° . Option A over-rotates by one extra 90° step. Option B repeats the last shape without applying the final turn. Option C turns back the way the sequence came instead of continuing.

Question 2

Correct answer: B



The answer is B. The triangle is flipped left-to-right at each step, so the orientation alternates. After the fourth shape (flipped) the sequence returns to the original, right angle at the bottom-left. Option A rotates the triangle 90° clockwise rather than reflecting it. Option C rotates the triangle 180° rather than reflecting it. Option D keeps the flipped orientation instead of alternating back.

Question 3

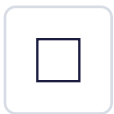
Correct answer: B



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

Question 4

Correct answer: A



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

Question 5

Correct answer: C



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

Question 6

Correct answer: D



The answer is D. Each arrow turns 90° clockwise from the one before it. Continuing the turn gives the arrow at 0°. Option A over-rotates by one extra 90° step. Option B repeats the last shape without applying the final turn. Option C turns back the way the sequence came instead of continuing.

Question 7

Correct answer: A



The answer is A. The triangle is flipped left-to-right at each step, so the orientation alternates. After the fourth shape (flipped) the sequence returns to the original, right angle at the bottom-left. Option B rotates the triangle 180° rather than reflecting it. Option C rotates the triangle 90° clockwise rather than reflecting it. Option D keeps the flipped orientation instead of alternating back.

Question 8

Correct answer: B



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

Question 9

Correct answer: D



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

Question 10

Correct answer: D



The answer is D. The diamond 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 B shades the shape correctly but enlarges it, though the size never changes. Option C both fails to shade the shape and enlarges it.

Where to go next

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