

Class 3 · Logical Reasoning — Shape Patterns

Total questions 12	Total marks 12	Time 60 minutes	Negative marking None
-----------------------	-------------------	--------------------	--------------------------

Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. The answer key with full solutions is at the end of this paper.

This is original practice material written to the Level 1 pattern. It is not a past paper and is not affiliated with SOF or any official olympiad body.

Shape Patterns

12 questions · 1 mark each · 12 marks

Q1. Look at the pattern: triangle, square, triangle, square, triangle, ____ . Which shape comes next?

- (A) hexagon (B) oval (C) square (D) triangle

Q2. Look at the pattern: star, triangle, star, triangle, star, ____ . Which shape comes next?

- (A) triangle (B) hexagon (C) oval (D) star

Q3. Look at the pattern: star, circle, star, circle, star, ____ . Which shape comes next?

- (A) star (B) oval (C) hexagon (D) circle

Q4. Look at the pattern: square, circle, square, circle, square, ____ . Which shape comes next?

- (A) oval (B) hexagon (C) circle (D) square

Q5. Look at the pattern: triangle, star, triangle, star, triangle, ____ . Which shape comes next?

- (A) star (B) hexagon (C) triangle (D) oval

Q6. Look at the pattern: square, star, square, star, square, ____ . Which shape comes next?

- (A) square (B) star (C) hexagon (D) oval

Q7. Look at the pattern: circle, square, circle, square, circle, ____ . Which shape comes next?

- (A) oval (B) square (C) circle (D) hexagon

Q8. Look at the pattern: circle, triangle, circle, triangle, circle, ____ . Which shape comes next?

- (A) circle (B) hexagon (C) oval (D) triangle

Q9. Look at the pattern: square, triangle, square, triangle, square, ____ . Which shape comes next?

- (A) triangle (B) oval (C) hexagon (D) square

Q10. Look at the pattern: triangle, circle, triangle, circle, triangle, ____ . Which shape comes next?

- (A) hexagon (B) circle (C) oval (D) triangle

Q11. Look at the pattern: circle, star, circle, star, circle, ____ . Which shape comes next?

- (A) oval (B) hexagon (C) star (D) circle

Q12. Look at the pattern: star, square, star, square, star, ____ . Which shape comes next?

- (A) hexagon (B) oval (C) star (D) square

Answer Key

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

C	A	D	C	A	B	B	D	A	B
11	12								
C	D								

Solutions

Q1. (C) The pattern repeats triangle then square over and over, so after triangle comes square.

Q2. (A) The pattern repeats star then triangle over and over, so after star comes triangle.

Q3. (D) The pattern repeats star then circle over and over, so after star comes circle.

Q4. (C) The pattern repeats square then circle over and over, so after square comes circle.

Q5. (A) The pattern repeats triangle then star over and over, so after triangle comes star.

Q6. (B) The pattern repeats square then star over and over, so after square comes star.

Q7. (B) The pattern repeats circle then square over and over, so after circle comes square.

Q8. (D) The pattern repeats circle then triangle over and over, so after circle comes triangle.

Q9. (A) The pattern repeats square then triangle over and over, so after square comes triangle.

Q10. (B) The pattern repeats triangle then circle over and over, so after triangle comes circle.

Q11. (C) The pattern repeats circle then star over and over, so after circle comes star.

Q12. (D) The pattern repeats star then square over and over, so after star comes square.

Free practice paper from syllabax.com · more free sample papers for Classes 1–10 at syllabax.com/olympiad · not affiliated with SOF or any official olympiad body.