

Year 1: Shape patterns that repeat: answers

Year 1 - 2-D and 3-D Shapes - Lesson 3.6

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks1/maths/year-1/ch03-shapes/shape-patterns-that-repeat/

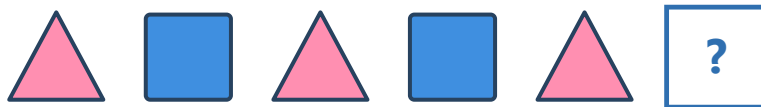
Exercise 3F Repeating patterns Non-calculator

1 What is the missing shape?



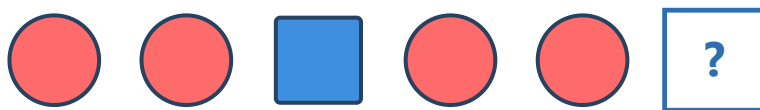
Answer: circle

2 What is the missing shape?



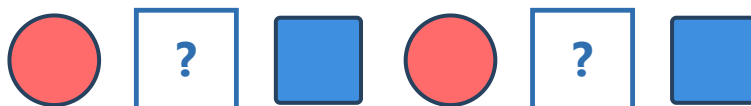
Answer: square

3 What is the missing shape?



Answer: square

4 Find the two missing shapes. Write them in order.



Answer: triangle, triangle

- 5 This pattern goes on for ever: triangle, circle, circle, triangle, circle, circle... What is the 9th shape?



Answer: circle

- 6 Sam makes a pattern: square, circle, triangle, square, circle, triangle, ... What is the 7th shape?



Answer: square

- 7 The pattern goes circle, square, circle, square. What are the next two shapes?



Answer: circle, square

- 8 Find the missing shape in each pattern.



Answer: square



Answer: circle

(c)



Answer: triangle

9

A pattern goes: rectangle, circle, rectangle, circle, rectangle, ? What shape comes next, and how do you know?



Answer: circle

10

A pattern of solid shapes goes: cube, sphere, cube, sphere, cube. Which shape comes next?



Answer: sphere

11

Ravi says the 10th shape in this pattern is a circle: circle, square, triangle, circle, square, triangle... Is he right?



Answer: Yes, he is right. The 10th shape is a circle.