

## KS1 Maths Quiz - Year 2 Patterns and Sequences (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 6 and 7 in year 2. Specifically this quiz is aimed at the section dealing with recognising and extending patterns and sequences.

When talking about patterns and sequences, children in Year 2 should be familiar with sequences which increase or decrease in 2s, 5s or 10s and be able to extend them. They can then use this knowledge in order to work out the rule for more complex sequences and extend them also, or perhaps even begin to make their own patterns and sequences which follow a rule.

### 1. What would come next in this pattern?



- A purple rectangle
- A yellow triangle
- A green triangle
- A red square

### 2. What is missing from the sequence?



- A purple oval
- A green oval
- An orange oval
- A red oval

### 3. What will come next in this pattern?



- Two yellow triangles
- A green triangle, upside down
- A green triangle
- A yellow triangle, upside down

### 4. What is next in this sequence?



- 20
- 14
- 24
- 15

### 5. What comes next?



- An arrow pointing down
- An arrow pointing left
- An arrow pointing right
- An arrow pointing up

### 6. What comes next in this sequence?



- A yellow rectangle with the number 8
- A purple rectangle with the number 3
- A yellow rectangle with the number 6
- A purple rectangle with the number 5

7. What colour will the next square in this pattern be?



- Red
- Green
- Blue
- Orange

8. What comes next in this sequence?



- A circle containing +
- A circle containing x
- A blank circle
- A triangle

9. What is next in this colour pattern?



- A red square
- A green square
- A blue square
- A brown square

10. Which shape would you not expect to see in this pattern?



- A triangle
- A square
- An oval
- A star

## KS1 Maths Quiz - Year 2 Patterns and Sequences (Answers)

1. What would come next in this pattern?



- A purple rectangle
- A yellow triangle
- A green triangle
- A red square

Some patterns are more complex and use more shapes and colours

2. What is missing from the sequence?



- A purple oval
- A green oval
- An orange oval
- A red oval

Sometimes it's useful to say the colours aloud to hear the missing one

3. What will come next in this pattern?



- Two yellow triangles
- A green triangle, upside down
- A green triangle
- A yellow triangle, upside down

Sometimes the same shape is used, but in different positions

4. What is next in this sequence?



- 20
- 14
- 24
- 15

The numbers are all even and are going up in twos

5. What comes next?



- An arrow pointing down
- An arrow pointing left
- An arrow pointing right
- An arrow pointing up

The arrows are turning round in a clockwise movement

6. What comes next in this sequence?



- A yellow rectangle with the number 8
- A purple rectangle with the number 3
- A yellow rectangle with the number 6
- A purple rectangle with the number 5

This pattern has two different parts: the changing colour and the numbers

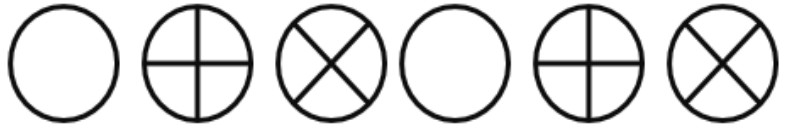
7. What colour will the next square in this pattern be?



- Red
- Green
- Blue
- Orange

This is a simple repeating pattern of red and green

8. What comes next in this sequence?



- A circle containing +
- A circle containing x
- A blank circle
- A triangle

This repeating pattern uses three different versions of a circle

9. What is next in this colour pattern?



- A red square
- A green square
- A blue square
- A brown square

This pattern uses five different colours!

10. Which shape would you not expect to see in this pattern?



- A triangle
- A square
- An oval
- A star

A star does not feature in this pattern