



Patterns

Understanding the Topic

- A **pattern** is something that **repeats** in a **special order**.
- Patterns can be made using **shapes, numbers, colors, or objects**.
- Patterns help us **understand order and sequence**.
- We can **predict what comes next** in a pattern.

Types of Patterns

- **Shape pattern** – ●●●● (circle, circle, repeating)
- **Color pattern** – ●●●● (green, red, repeating)
- **Number pattern** – 2, 4, 6, 8, ... (numbers increasing by 2)
- **Object pattern** – 🍏🍌🍏🍌 (apple, banana, repeating)

Examples with Solutions

1. What comes next in this pattern? ▲ ▼ ▲ ▼ ▲ ?

Answer: ▼ (the pattern is repeating up and down triangles)

2. What comes next in 1, 2, 3, 1, 2, 3, ?

Answer: 1 (the pattern repeats after 3)

3. What comes next in ●●●●●?

Answer: ● (two red, one blue – repeating)

4. What comes next in ⚽🏀⚽🏀⚽?

Answer: 🏀 (football, basketball pattern)

5. What comes next in 5, 10, 15, 20, ?

Answer: 25 (numbers increasing by 5)

Summary Points

- A **pattern** is something that **repeats**
- Patterns can be in **shapes, colors, numbers, or objects**
- We look at the order to know **what comes next**
- Patterns help us **think logically and follow a sequence**
- **Recognizing patterns** makes learning fun and easy