Year 1 Maths: Repeating Patterns and What Comes Next

Name: _____ Date: _____

Have a go first, then check the answers with a grown-up.

Practice

1. What comes next? red, green, blue, red, green, __

2. What is missing? apple, banana, pear, apple, __, pear

3. What is the unit of repeat in clap, stamp, jump, clap, stamp, jump?

4. In circle, square, triangle, circle, square, triangle, which shape is 3rd?

5. In 1, 2, 3, 1, 2, 3, what is the 5th number?

Spot the mistake

6. What is wrong? "red, green, blue, red, green. Next is red."

7. What is wrong? "The unit of repeat in red, green, blue, red, green, blue is red, green."

8. What is wrong? "Any row of colours is a pattern."

9. What is wrong? "The 4th thing in a pattern with 3 things in its unit is something new."

Answer key (for parents and tutors)

1. What comes next? red, green, blue, red, green, __
   Blue
2. What is missing? apple, banana, pear, apple, __, pear
   Banana
3. What is the unit of repeat in clap, stamp, jump, clap, stamp, jump?
   Clap, stamp, jump
4. In circle, square, triangle, circle, square, triangle, which shape is 3rd?
   Triangle
5. In 1, 2, 3, 1, 2, 3, what is the 5th number?
   2
6. What is wrong? "red, green, blue, red, green. Next is red."
   The unit has 3 colours. After green comes blue.
7. What is wrong? "The unit of repeat in red, green, blue, red, green, blue is red, green."
   The unit is red, green, blue. All 3 come before it starts again.
8. What is wrong? "Any row of colours is a pattern."
   A pattern follows a rule. A repeating pattern uses the same unit again and again.
9. What is wrong? "The 4th thing in a pattern with 3 things in its unit is something new."
   The 4th thing starts the unit again, so it matches the 1st.