Year 2 Maths: Repeating Patterns and What Comes Next

Name: _____ Date: _____

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

Practice

1. Which sentence is true: 47 < 74, 47 > 74, 74 < 47 or 47 = 74?

2. What is the unit of repeat in star, moon, moon, star, moon, moon?

3. In the pattern A, B, A, B, what is the 7th letter?

4. In ACDCACDC, what is the 10th letter?

5. What comes next: red, red, green, red, red, ?

Spot the mistake

6. What is wrong? "The unit of repeat in ACDCACDC is AC."

7. What is wrong? "12 > 21, because 12 comes first."

8. What is wrong? "Guessing the 10th piece from the last one you can see."

Answer key (for parents and tutors)

1. Which sentence is true: 47 < 74, 47 > 74, 74 < 47 or 47 = 74?
   47 < 74
2. What is the unit of repeat in star, moon, moon, star, moon, moon?
   star, moon, moon
3. In the pattern A, B, A, B, what is the 7th letter?
   A
4. In ACDCACDC, what is the 10th letter?
   C
5. What comes next: red, red, green, red, red, ?
   green
6. What is wrong? "The unit of repeat in ACDCACDC is AC."
   AC is followed by D, not A. The whole unit is ACDC.
7. What is wrong? "12 > 21, because 12 comes first."
   21 has 2 tens and 12 has 1 ten, so 12 < 21.
8. What is wrong? "Guessing the 10th piece from the last one you can see."
   Use the unit. In red, blue, every even place is blue, so the 10th is blue.