Year 3 Maths: True or False? Number Sentences and Patterns

Name: _____ Date: _____

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

Practice

1. Which is true: 456 < 465, 456 > 465, 465 < 456 or 456 = 465?

2. 350 − __ = 120

3. Is 20 ÷ 4 = 2 + 3 true or false?

4. What comes next: 6, 10, 14, 18, __

5. 9 + 6 = __ + 10

Spot the mistake

6. What is wrong? "8 + 4 = __ + 7, so the missing number is 12."

7. What is wrong? "313 > 330 because 313 ends in a bigger digit."

8. What is wrong? "The next number in 2, 4, 6, 8 is 9."

9. What is wrong? "The < sign opens towards the smaller number."

Answer key (for parents and tutors)

1. Which is true: 456 < 465, 456 > 465, 465 < 456 or 456 = 465?
   456 < 465
2. 350 − __ = 120
   230
3. Is 20 ÷ 4 = 2 + 3 true or false?
   True: 20 ÷ 4 = 5 and 2 + 3 = 5, so both sides are 5
4. What comes next: 6, 10, 14, 18, __
   22 (the rule is add 4)
5. 9 + 6 = __ + 10
   5 (both sides are 15)
6. What is wrong? "8 + 4 = __ + 7, so the missing number is 12."
   Both sides must be worth the same. 8 + 4 = 12 and 5 + 7 = 12, so it is 5.
7. What is wrong? "313 > 330 because 313 ends in a bigger digit."
   Compare the tens first. 1 ten is less than 3 tens, so 313 < 330.
8. What is wrong? "The next number in 2, 4, 6, 8 is 9."
   The rule is add 2, so the next number is 10.
9. What is wrong? "The < sign opens towards the smaller number."
   The open side faces the bigger number. The point faces the smaller one.