Year 3 Maths: Adding Fractions and Finding Fractions of Numbers

Name: _____ Date: _____

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

Practice

1. 2/7 + 3/7

2. 9/10 − 4/10

3. What is 1/4 of 24?

4. 1/3 of the pencils in a tin is 8 pencils. How many pencils are in the whole tin?

5. 1/8 + 2/8 + 4/8

Spot the mistake

6. What is wrong? "1/8 + 2/8 = 3/16."

7. What is wrong? "1/3 of 15 is 15 − 3 = 12."

8. What is wrong? "If 1/4 of a set is 3, the whole set is 3 + 4 = 7."

9. What is wrong? "5/6 − 2/6 = 3/0."

Answer key (for parents and tutors)

1. 2/7 + 3/7
   5/7
2. 9/10 − 4/10
   5/10
3. What is 1/4 of 24?
   6 (24 ÷ 4 = 6)
4. 1/3 of the pencils in a tin is 8 pencils. How many pencils are in the whole tin?
   24 (3 × 8 = 24)
5. 1/8 + 2/8 + 4/8
   7/8
6. What is wrong? "1/8 + 2/8 = 3/16."
   Add the tops only. Eighths plus eighths are still eighths: 3/8.
7. What is wrong? "1/3 of 15 is 15 − 3 = 12."
   Find 1/3 by dividing: 15 ÷ 3 = 5.
8. What is wrong? "If 1/4 of a set is 3, the whole set is 3 + 4 = 7."
   There are 4 quarters, so the whole set is 4 × 3 = 12.
9. What is wrong? "5/6 − 2/6 = 3/0."
   Keep the bottom number: 5/6 − 2/6 = 3/6.