Year 3 Maths: Multiplying and Dividing with Groups

Name: _____ Date: _____

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

Practice

1. 4 × 6

2. 8 × 5

3. 3 × 21

4. 32 ÷ 4

5. 18 kiwifruit are shared equally between 3 lunchboxes. How many go in each lunchbox?

Spot the mistake

6. What is wrong? "4 × 3 means 4 + 3 = 7."

7. What is wrong? "2 × 23 = 26, doing only 2 × 3."

8. What is wrong? "12 ÷ 0 = 0."

9. What is wrong? "24 ÷ 3 = 21, by taking away 3 once."

Answer key (for parents and tutors)

1. 4 × 6
   24
2. 8 × 5
   40
3. 3 × 21
   63 (3 × 20 = 60, 3 × 1 = 3)
4. 32 ÷ 4
   8
5. 18 kiwifruit are shared equally between 3 lunchboxes. How many go in each lunchbox?
   6 (18 ÷ 3 = 6, because 3 × 6 = 18)
6. What is wrong? "4 × 3 means 4 + 3 = 7."
   4 × 3 means 4 groups of 3, which is 12.
7. What is wrong? "2 × 23 = 26, doing only 2 × 3."
   Multiply the tens too: 2 × 20 = 40, then 40 + 6 = 46.
8. What is wrong? "12 ÷ 0 = 0."
   You cannot share into zero groups, so 12 ÷ 0 has no answer.
9. What is wrong? "24 ÷ 3 = 21, by taking away 3 once."
   Dividing asks how many 3s make 24. 3 × 8 = 24, so the answer is 8.