Y4 Mental Multiplication Division

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

What is 9 × 0? What is 9 × 1?

Step 1 · 9 × 0 means 9 lots of 0

0 + 0 + … + 0 = 0

Step 2 · 9 × 1 means 9 lots of 1

1 + 1 + … + 1 = 9

Answer: 9 × 0 = 0 and 9 × 1 = 9

Check: Any number × 0 = 0. Any number × 1 = the same number ✓

2. Now try one with the steps

What is 24 ÷ 1?

Step 1 · Share 24 into 1 group

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. 9 × 0 = ?

2. 1 × 46 = ?

3. 63 ÷ 1 = ?

4. 0 × 125 = ?

5. 2 × 3 × 4 = ?

6. 5 × 7 × 2 = ?

7. 40 × 3 = ?

8. 6 × 50 = ?

9. 3 × 4 × 5 = ?

10. 2 × 9 × 5 = ?

11. 80 × 6 = ?

12. 350 ÷ 7 = ?

13. A box has 3 rows of 4 cakes. How many cakes are in 6 boxes?

14. Find the missing number: 4 × ☐ × 5 = 140

4. Before you hand it in

Saying 7 × 0 = 7.
7 + 0 = 7, but 7 × 0 means 7 lots of nothing, which is 0.

Saying 15 ÷ 1 = 1.
Sharing 15 between 1 person: that person gets all 15. 15 ÷ 1 = 15.

Adding instead of multiplying the third number: 2 × 3 × 4 = 10.
Write the first answer down: 2 × 3 = 6, then 6 × 4 = 24.

Always working left to right when another pair is easier.
Look for pairs that make 10 or 20, such as 5 × 2 or 4 × 5, and do those first.