Year 5 Maths Homework, 12th November 2026

Moving Digits: Multiplying and Dividing by 10, 100 and 1,000



LO: To learn to multiply and divide 10, 100 and 1000

PLACE VALUE CHART

MILLIONS TO ONES

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

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The Method Use place value to move the digits.

Multiplying (digits move left)			Dividing (digits move right)		
× 10	→	34 × 10 = **340**	÷ 10	→	340 ÷ 10 = **34**
× 100	→	34 × 100 = **3,400**	÷ 100	→	3,400 ÷ 100 = **34**
× 1,000	→	34 × 1,000 = **34,000**	÷ 1,000	→	34,000 ÷ 1,000 = **34**

The Golden Rule: We don't just "add zeros"!
When we multiply or divide by 10, 100, or 1,000, the digits move along the place value chart.

- **Multiply:** Digits move to the **left** (numbers get bigger).
- **Divide:** Digits move to the **right** (numbers get smaller).

	Th	H	T	O
			3	4
× 10 (move left)	3	4	0	
÷ 10 (move right)				

Let's Practise

1 Multiply these whole numbers by **10**.

a) 6 × 10 = _____ | b) 12 × 10 = _____ | c) 45 × 10 = _____

2 Divide these whole numbers by **10**.

a) 80 ÷ 10 = _____ | b) 120 ÷ 10 = _____ | c) 500 ÷ 10 = _____

3 Tick (✓) the correct answer.

a) 7 × 10 = ?
☐ 70 ☐ 700 ☐ 7

b) 300 ÷ 10 = ?
☐ 30 ☐ 3 ☐ 300

c) 25 × 10 = ?
☐ 250 ☐ 2,500 ☐ 25

4 Complete the missing numbers.

a) 9 × 10 = _____ | b) _____ ÷ 10 = 6 | c) 40 × 10 = _____

Explanation Challenge

What happens to a number when you multiply it by 10?
Use the example 8 × 10 to explain your answer.

_____

_____



Times Tables Rock Stars! TTRS ☺

Have you completed your 15 minute jam session yet?