



# Key Instant Recall Facts

I can multiply and divide numbers by 10 and 100

Year 4

Summer Term 2

1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9

$\times 10$  (arrow from 1 to 10)  $\div 10$  (arrow from 10 to 1)

1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9

$\times 100$  (arrow from 1 to 100)  $\div 100$  (arrow from 100 to 1)

## Top tips for learning at home

By the end of this half term, children should know these facts. The aim is to be able to recall them instantly.

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact family of the day. If you would like more ideas, please speak to your child's teacher.

It is important that children don't 'just add zero'. When a number is, for example, multiplied by ten, each digit in that number is moved one column to the left on a place value chart and that the '0' is placed in the vacated ones position as a place-value holder.

1,000s	100s	10s	1s
			●
		●	
	●		
●			

ten times the size   ten times the size   ten times the size

1,000s	100s	10s	1s
			1
		1	
	1		
1			

ten times the size   ten times the size   ten times the size

## Key Vocabulary

What is 5 **multiplied by** 10?

What is 10 **times** 240?

What is 700 **divided by** 100?

**hundreds, tens, ones**

Missing-number problems:

'Fill in the missing numbers.'

$\times 100$ →	$\times 100$ →
11	
← $\div 100$	← $\div 100$
	3,500
$\div 100$ →	$\div 100$ →
600	
	13