

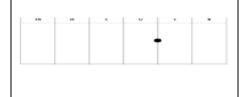
KIRF: I can multiply and divide decimal numbers by 10, 100 and 1000.

This half term, the children will be learning how to multiply and divide by 10,100 and 1000. This will include using decimal numbers. The aim is for them to be able to recall these facts instantly.

including missing number	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	share/ group /divide / times/ place
questions,	value/
•	7 multiplied by 100 is equal to 700
	120 shared by 100 is equal to 1.2
Remember when multiplying, the	0.6 is zero ones and six tenths.
digits move to the left.	One tenth and four hundredths is 0.04
When dividing, the digits move to	What is 5 multiplied by 1000?
600 + 100 = 6 4000 + 100 = 40 2 + 10 = 0.2 the right.	What is 10 times 0.8?
	What is 8 divided by 1000??
	What is 625 x 100? Explain how you
	know. Prove it!
	How do you divide a number by 1000?
	Show me.
	e.g. $2.9 \times \bigcirc = 29$ or $\bigcirc \div 100 = 3.7$. Remember when multiplying, the digits move to the left. When dividing, the digits move to

What can this look like? Concrete, Pictorial Abstract:



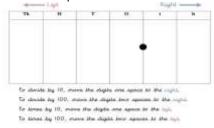




Activity ideas:

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 of the day.

Why not use/draw out a place value chart like this one to help



Create a game using multiplication and division by 10, 100, 1000.

Test the Parent – Your child can make up their own tricky multiplication questions for you e.g. What is 0.7 multiplied by 10? They need to be able to multiply to create these questions.

Beat the clock- You have 10 seconds to answers as many questions as you can. Each correct answer will earn you one second of extra time. The game ends when the time runs out or an incorrect answer is given.

Websites:

MyMaths- weekly home learning.

Bingo

Moving Digit Cards

BBC Bitesize