



Key Instant Recall Facts

YEAR 6 – Spring 1

I know how to multiply and divide by 10, 100, 1000.

By the end of this half term, children should be able to multiply and divide numbers by 10, 100, 1000 and 0.1. The aim is for them to recall these facts instantly.

Multiplying and Dividing by 10, 100 and 1000

10 000	1000	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Multiplying

X 10 digits move LEFT 1 space
 X 100 digits move LEFT 2 spaces
 X 1000 digits move LEFT 3 spaces

Dividing

+ 10 digits move RIGHT 1 space
 ÷ 100 digits move RIGHT 2 spaces
 ÷ 1000 digits move RIGHT 3 spaces

KEY VOCABULARY and QUESTIONS

Multiply/ product/ times by /lots of/ share/ group /divide / times/ place value

What is 625 x 100? Explain how you know. Prove it!

How do you divide a number by 1000? Show me

Things to Try

Make your own spinners to practise the skill.

Flash cards - Create a set of flash cards with facts on to practise.

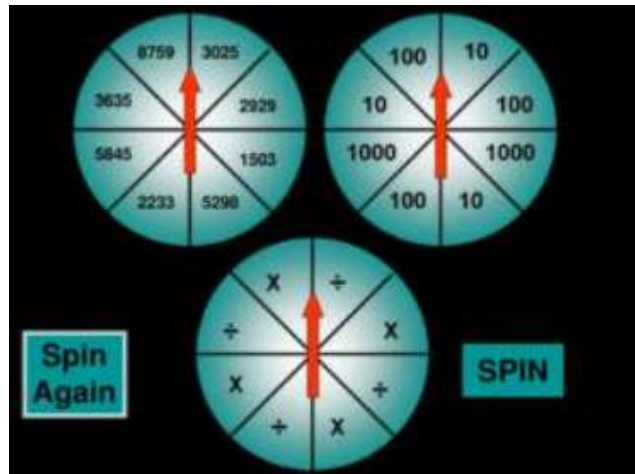
Timed Challenges - How well are you doing? How many questions can you answer in 2 minutes? Can you beat your own record?

Videos to watch –

<https://vimeo.com/418156588>

BBC Bite size -

<https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/z2fkwxs>



Useful Websites:

<https://bsaky4.weebly.com/homework/multiply-by-10-100-and-1000>

<https://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide>

<https://nrich.maths.org/10478>

<https://wordwall.net/en-gb/community/multiplication-by-10-100-1000>