Key Instant Recall Facts

YEAR 6 KIRF CARD

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts instantly!

To 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

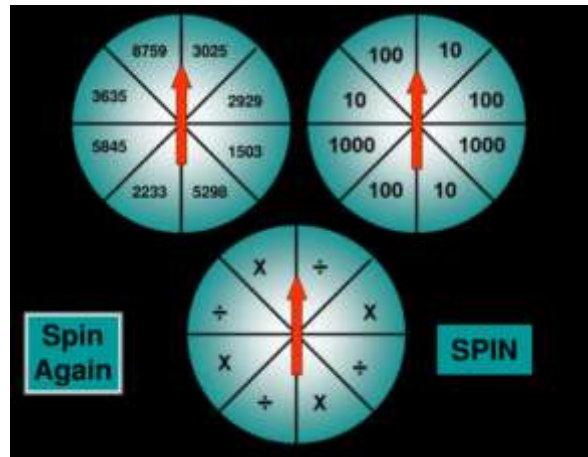| 10 000	1000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Multiplying

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

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Dividing

- ÷ 10 — digits move RIGHT **1** space
- ÷ 100 — digits move RIGHT **2** spaces
- ÷ 1000 — digits move RIGHT **3** spaces

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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?

Games online
Click on this link to have access to some games that will help practise of this skill.
https://bsaky4.weebly.com/homework/multiply-by-10-100-and-1000

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

HELPFUL HINTS:
- Create regular opportunities for rapid fire questions where an instant correct answer is required
- Encourage children to use what they already know about place value to help them.

Top Tips
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. Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising! If you would like more ideas, please speak to your child's teacher.