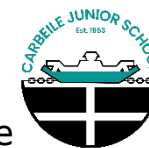




Fluency Facts

YEAR 5 FLUENCY CARD



This half term your children are working towards achieving their individual fluency 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 and 1000. The aim is for them to recall these facts **instantly**.

Multiplying and Dividing by 10, 100 and 1000

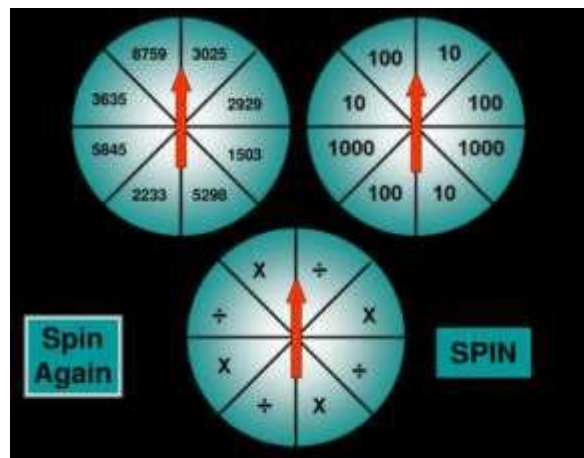
| | | | | | | | |
|--------|------|-----|----|---|----------------|-----------------|------------------|
| 10 000 | 1000 | 100 | 10 | 1 | $\frac{1}{10}$ | $\frac{1}{100}$ | $\frac{1}{1000}$ |
| | | | | | | | |

Multiplying

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

Dividing

$\div 10$ digits move RIGHT 1 space
 $\div 100$ digits move RIGHT 2 spaces
 $\div 1000$ digits move RIGHT 3 spaces



Make your own spinners to practice the skill.

KEY VOCABULARY and QUESTIONS

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

What is 625×100 ? *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.

Flash cards

Create a set of flash cards with facts on to practice.



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 practice this skill.

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

Top Tips

The secret to success is practicing **little** and **often**. Use time wisely. Can you practice these facts while walking to school or during a car journey? You don't need to practice 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 practicing! If you would like more ideas, please speak to your child's teacher.