

**St Wilfrid’s**

Catholic Primary School

**KIRF’s – KEY INSTANT RECALL FACTS**

To help develop children’s fluency in mathematics, we ask them to learn Key Instant Recall Facts each half term. We expect children to practise their KIRFs at least 3 times a week.

Year 4 – Summer 2

**I can multiply and divide single-digit numbers by 10 and 100.**

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

**Key Vocabulary**

What is 5 **multiplied by** 10?

What is 10 **times** 0.9?

What is 700 **divided by** 70?

**hundreds, tens, units**

**tenths, hundredths**

|  |  |  |
| --- | --- | --- |
| 7 × 10 = 70  10 × 7 = 70  70 ÷ 7 = 10  70 ÷ 10 = 7  6 × 100 = 600  100 × 6 = 600  600 ÷ 6 = 100  600 ÷ 100 = 6 | 30 × 10 = 300  10 × 30 = 300  300 ÷ 30 = 10  300 ÷ 10 = 30  40 × 100 = 4000  100 × 40 = 4000  4000 ÷ 40 = 100  4000 ÷ 100 = 40 | 0.8 × 10 = 8  10 × 0.8 = 8  8 ÷ 0.8 = 10  8 ÷ 10 = 0.8  0.2 × 10 = 2  10 × 0.2 = 2  2 ÷ 0.2 = 10  2 ÷ 10 = 0.2 |

These are just examples of the facts for this term. Children should be able to answer these questions in any order, including missing number questions e.g. 10 × ⃝ = 5 or ⃝ ÷ 10 = 60.

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 family of the day. If you would like more ideas, please speak to your child’s teacher.