

**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 3 – Spring 2**

**I know the multiplication and division facts for the 4 times table.**

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

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| 4 × 1 = 4  4 × 2 = 8  4 × 3 = 12  4 × 4 = 16  4 × 5 = 20  4 × 6 = 24  4 × 7 = 28  4 × 8 = 32  4 × 9 = 36  4 × 10 = 40  4 × 11 = 44  4 × 12 = 48 | 1 × 4 = 4  2 × 4 = 8  3 × 4 = 12  4 × 4 = 16  5 × 4 = 20  6 × 4 = 24  7 × 4 = 28  8 × 4 = 32  9 × 4 = 36  10 × 4 = 40  11 × 4 = 44  12 × 4 = 48 | 4 ÷ 4 = 1  8 ÷ 4 = 2  12 ÷ 4 = 3  16 ÷ 4 = 4  20 ÷ 4 = 5  24 ÷ 4 = 6  28 ÷ 4 = 7  32 ÷ 4 = 8  36 ÷ 4 = 9  40 ÷ 4 = 10  44 ÷ 4 = 11  48 ÷ 4 = 12 | 4 ÷ 1 = 4  8 ÷ 2 = 4  **Key Vocabulary**  What is 4 **multiplied by** 6?  What is 8 **times** 4?  What is 24 **divided by** 4?  12 ÷ 3 = 4  16 ÷ 4 = 4  20 ÷ 5 = 4  24 ÷ 6 = 4  28 ÷ 7 = 4  32 ÷ 8 = 4  36 ÷ 9 = 4  40 ÷ 10 = 4  44 ÷ 11 = 4  48 ÷ 12 = 4 |

They should be able to answer these questions in any order, including missing number questions e.g. 4 × ⃝ = 16 or ⃝ ÷ 4 = 7.

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.

What do you already know? – Your child will already know many of these facts from the 2, 3, 5 and 10 times tables.

Double and double again – Multiplying a number by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so 6 × 4 = 24.

Buy one get three free – If your child knows one fact (e.g. 12 × 4 = 48), can they tell you the other three facts in the same fact family?