

**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 Summer1**

**I know the multiplication and division facts for the 7 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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| --- | --- | --- | --- |
| 7 × 1 = 7  7 × 2 = 14  7 × 3 = 21  7 × 4 = 28  7 × 5 = 35  7 × 6 = 42  7 × 7 = 49  7 × 8 = 56  7 × 9 = 63  7 × 10 = 70  7 × 11 = 77  7 × 12 = 84 | 1 × 7 = 7  2 × 7 = 14  3 × 7 = 21  4 × 7 = 28  5 × 7 = 35  6 × 7 = 42  7 × 7 = 49  8 × 7 = 56  9 × 7 = 63  10 × 7 = 70  11 × 7 = 77  12 × 7 = 84 | 7 ÷ 7 = 1  14 ÷ 7 = 2  21 ÷ 7 = 3  28 ÷ 7 = 4  35 ÷ 7 = 5  42 ÷ 7 = 6  49 ÷ 7 = 7  56 ÷ 7 = 8  63 ÷ 7 = 9  70 ÷ 7 = 10  77 ÷ 7 = 11  84 ÷ 7 = 12 | 7 ÷ 1 = 7  14 ÷ 2 = 7  **Key Vocabulary**  What is 7 **multiplied by** 6?  What is 7 **times** 8?  What is 84 **divided by** 7?  21 ÷ 3 = 7  28 ÷ 4 = 7  35 ÷ 5 = 7  42 ÷ 6 = 7  49 ÷ 7 = 7  56 ÷ 8 = 7  63 ÷ 9 = 7  70 ÷ 10 = 7  77 ÷ 11 = 7  84 ÷ 12 =7 |

They should be able to answer these questions in any order, including missing number questions e.g. 7 × ⃝ = 28 or ⃝ ÷ 6 = 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.

Songs and Chants – You can buy Times Tables CDs or find multiplication songs and chants online. If your child creates their own song, this can make the times tables even more memorable.

Order of difficulty – Ask your child to order these facts from the easiest to the most challenging. Can they explain why some facts are easier to remember? Then focus on practising the most challenging facts.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.