I know the multiplication and division facts for all times tables up to 12 × 12 .

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

Please see separate sheet for all times table facts.

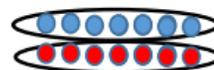| Key Vocabulary	Key Imagery:
What is 12 **multiplied by** 6? What is 7 **times** 8? What is 84 **divided by** 7? What is the **whole**? What are the **parts**?	Prove using array: Eg- 7 × 2 = 14 Prove using array using grouping 14 ÷ 2 = 7 (the **parts** are 7 and 2 and the **whole** is 14)
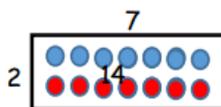
They should be able to answer these questions in any order, including missing number questions e.g. 7 × ◯ = 28 or ◯ ÷ 6 = 7.

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.

Speed Challenge – Take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace = 1, Jack = 11, Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.

Online games – There are many games online which can help children practise their multiplication and division facts. www.conkermaths.org is a good place to start.

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

Make a poster- Record the fact families for each multiplication times table, for example:
7 × 10 = 70
7 × __ = 70
10 × 7 = 70   to make it harder, try removing some of the parts e.g. __ ÷ 7 = 10