

Key Instant Recall Facts

Year 5 – Autumn 2

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.

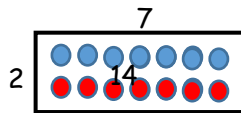
Key Vocabulary:

- 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?

Key Imagery:

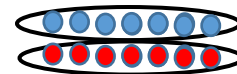
Prove using array:

Eg- $7 \times 2 = 14$



(the parts are 7 and 2 and the whole is 14)

Prove using array using grouping $14 \div 2 = 7$



They should be able to answer these questions in any order, including missing number questions e.g. $7 \times \bigcirc = 28$ or $\bigcirc \div 6 = 7$.

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

Activity ideas

- * **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.
- * **Times Table Rockstar**- Regular use of Times Table Rockstar helps to motivate children to learn times tables with varying degrees of success. <https://ttrackstars.com/login>
- * **Use memory tricks**- For those hard-to-remember facts, www.multiplication.com (Multiplication tab) has some strange picture stories to help children remember.
- * **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. <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> (Multiplication tab) is a good place to start.
- * **Make a poster**- Record the fact families for each multiplication times table, for example:

$7 \times 10 = 70$	to make it harder,	$7 \times \underline{\quad} = 70$
$10 \times 7 = 70$	try removing some of the parts	$\underline{\quad} \times 7 = 70$
$70 \div 7 = 10$		$\underline{\quad} \div 7 = 10$
$70 \div 10 = 7$		$70 \div \underline{\quad} = 7$