

Key Instant Recall Facts - Year 6 Autumn Term 1

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

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

Please see a separate sheet for all times tables 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**?

This is a chance for Year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall.

Pupils should be able to answer these questions in any order, including missing number questions e.g. $7 \times \bigcirc = 49$ or $\bigcirc \div 6 = 3$.

Pupils who have already mastered their times tables should apply this knowledge to answer questions including decimals e.g. $0.7 \times \bigcirc = 4.2$ or $\bigcirc \div 60 = 0.7$.

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

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:

- A good place to start is Tablemaster <http://www.transum.org/Software/Tablesmaster/>
- Each child has a login into Times Table Rockstar for multiplication practice - <https://ttrockstars.com/login>
- Hit the Button - <https://www.topmarks.co.uk/maths-games/hit-the-button>

Make a poster Record the fact families for each multiplication times table, for example

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