



Key Instant Recall Facts

Year 6 – Autumn 2

Key Vocabulary

What is 1.2
multiplied by 6?
What is 7 **times** 0.8?
What is the **product**
of 0.9 and 4?
What is 8.4 **divided**
by 7?

I aspire to use x table facts to multiply and divide decimals.

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

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

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

Children should apply this knowledge to answer questions including decimals e.g. $0.7 \times \bigcirc = 4.2$ or $\bigcirc \div 60 = 0.7$



Use key table facts to solve
 $3 \times 7 = 21$ (make the number 10 times smaller)
 $0.3 \times 7 = 2.1$

Top Tips

The secret to success is practising little and often. Use time wisely. Can you these KIRFs while walking to school or during a car journey? You don't need to practise them all at once, perhaps a few a day.

You could try some of these 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 can they answer correctly in 2 minutes? Can they divide their calculation by 10 to create a decimal calculation?

Online games

<https://www.topmarks.co.uk/maths-games/7-11-years/> and <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> are both full of games to help with practising KIRFs.