



Key Instant Recall Facts

Year 6 – Term 2

I know all multiplication facts to 12 x 12, including divisions and all derived facts

By the due date for this homework, children should know all the multiplication and division facts up to 12 x 12 including derived facts of ten times bigger or smaller. The aim is for them to recall these facts instantly. Children will have 10 questions to answer to assess their understanding.

Some examples:

$3 \times 6 = 18$	$640 \div 8 = 80$
$0.9 \times 5 = 4.5$	$6.3 \div 7 = 0.9$
$40 \times 7 = 280$	$144 \div 12 = 12$
$12 \times 11 = 132$	$4.8 \div 0.6 = 8$
$60 \times 6 = 360$	$180 \div 90 = 2$
$2 \times 12 = 24$	$49 \div 7 = 7$
$0.8 \times 9 = 7.2$	$7.2 \div 12 = 0.6$
$4 \times 60 = 240$	$12.1 \div 11 = 1.1$
$3 \times 0.8 = 2.4$	$200 \div 5 = 40$

Key Vocabulary

What is 40 **multiplied by** 6?

What is 0.9 **times** 7?

What is 3.6 **divided by** 6?

What is 70 **lots of** 12?

What is the **product** of 11 and 0.3?

This list includes some examples of facts that children should know to answer questions including missing number questions. For example, $4.8 \div 0.6 = 8$.

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these key facts 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 a day. If you would like more ideas, please speak to your child's teacher.

Songs and chants – you can listen to times tables songs and chants online. If your child creates their own song, this can make the times tables even more memorable.

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 and Queen = 12). How many questions can they answer correctly in two minutes? Practise regularly and see if they can beat their score.

Warning! – children sometimes get confused by the order of the numbers in the division fact. It is tempting to say the biggest number goes first, but it is more helpful to say that the answer to the multiplication goes first, as this will help your child more in later years when they study fractions, decimals and algebra.