



**Love Maths Facts**  
**Year 6 Autumn 1**

Know times tables up to x12 and use them to solve related division problems  
e.g.  $5 \times 12 = 60$ ;  $12 \times 5 = 60$ ; 60 divided by 5 = 12; 60 divided by 12 = 5

Use a range of vocabulary for each of the four operations  
e.g. multiply, times, the product of, divide, the quotient of

Multiply numbers by 10 and 100

If you find it difficult to memorise facts try to use facts that you already know to help you calculate the facts you don't know-  
e.g. 8s are double 4 so if you know  $6 \times 4 = 24$  then  $6 \times 8$  must be 48  
if you know  $10 \times 7 = 70$  then you can subtract 7 to work out  $9 \times 7 = 63$

Also learn square numbers and use them in a similar way  
e.g. if you know  $6 \times 6 = 36$  then  $36 + 6$  will be the answer to  $7 \times 6 = 42$

## Top Tips for Home Learning

### Do little and often

Highlight the facts you already know on your times table square and remember the related facts you will know  
e.g. if you know  $5 \times 8 = 40$  you will also know  $8 \times 5 = 40$

Roll your dice and say that multiple of the times table you are practising  
e.g. if you throw a 7 and you are learning 6x you would say 42 because  $7 \times 6 = 42$

How many correct answers can you give in a minute?  
Practise regularly to improve your memory and the facts you will learn!

#### Speed challenge!

Shuffle 2 piles of number cards 1-12 and turn over the top card of each pile, saying what their product is as you continue to turn over the top card on each pile

How many questions can you answer correctly in 2mins?  
For a further challenge try some missing number questions

e.g.  $7 \times \underline{\quad} = 28$

$\underline{\quad}$  divided by 6 = 7

$0.7 \times \underline{\quad} = 4.2$

$\underline{\quad}$  divided by 60 = 0.7

Roll your dice 5-10 times and use the digits to write down a your number!

Write the largest number you can make with your digits

Can you multiply your number by 10 and 100?

Can you round the largest number to the nearest 100?

Can you read your number correctly?

e.g. 12345 needs to be read as 12 thousand, 3 hundred and forty five

You can find many online games at

[www.conkermaths.org](http://www.conkermaths.org) and [www.multiplication.com](http://www.multiplication.com) which make good starting points

