



Love Maths Facts
Year 5 Autumn 2

Know times tables up to x12 and use them to identify multiples

e.g. 18 is a multiple of 2, 3, 6, 9

Use times tables to derive other tables e.g. 0.4x, 40x, 400x

Read and write numbers up to 1 million and know the value of each digit

Round any number to the nearest 10, 100 or 1000

Find all factor pairs of a number

e.g. 12 has the factor pairs of 1 and 12, 6 and 2, 3 and 4

Count **on and back** in halves, quarters and thirds starting from 0 and any number

e.g. 0-half-1-1 and a half-2-2 and a half;

23 and 2thirds-24-24 and a third-24 and 2 thirds, etc.

Multiply and divide whole numbers and those involving decimals by 10, 100, 1000

Understand the relationship between add and subtract, multiply and division-this is called the inverse or corresponding facts relationship

e.g. $6+4=10$, $4+6=10$, $10-4=6$, $10-6=4$

$4 \times 8=32$, $8 \times 4=32$, 32 divided by $4=8$, 32 divided by $8=4$

Your child should aim to embed the facts they already know and be able to recall with ease i.e. without having to do a calculation/jotting!

Top Tips for Home Learning
Do little and often

Roll your dice and say the product of that number and the times table you are practising

e.g. if you throw a 6 and you are learning your 12x table then you might say the answer is 6×2 or you could ask how many 6s equal 12 so the answer is $6 \times 2=12$

When looking at deriving other tables e.g. 0.4x, 40x and 400x tables- use the facts known for the 4x table e.g. if you know $4 \times 5=20$ then you should be able to derive that $0.4 \times 0.5=2.0$, $40 \times 5=200$ and $400 \times 5=2000$

Write the times table out so you can refer to it as you test your memory and cross them off once you have got them right at least 10 times without peeking!

Can you increase your score by writing as many as you can in 1 minute?

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

Write the largest number you can make with your digits and the smallest

Write the numbers which are 1 more/less than your numbers

Can you multiply the largest number by 10?

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

Throw your dice twice to create a 2-digit number-write down all of the factor pairs for that number

Do you notice anything similar about these numbers?

Shake you dice twice to create a 2-digit number (to start with)-repeat-add the 2 numbers together-then ask e.g. if $36+82=118$ what else do you know?

Your child should also be able to say that $82+36=118$, $118-82=36$ and $118-36=82$

Repeat by shaking dice twice and multiplying numbers-what else can they say? Ask them to prove it!

