Know times tables up to x12 and use them to solve related division problems
e.g. 5x12=60; 12x5=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 and divide numbers by 10, 100and 1000
Use a place-value chart if you are unsure.

Choose a 2-digit number and find all the factors of it.
Each day write down 5 more prime numbers in order from 2. Do this until you have written all the prime numbers below 100.

Practise finding fractions of numbers. Can you find a half, three quarters, two thirds, four fifths or five sixths of any number?

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 5x8=40 you will also know 8x5=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 7x6=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 x ___ = 28
___ divided by 6 = 7
0.7 x ___ = 4.2
___ divided by 60 = 0.7

Roll your dice 5-10 times and use the digits to write down a number!
Write the largest number you can make with your digits
Can you multiple your number by 10 and 100?
Can you round the largest number to the nearest 100 or 10?
Can you read your number correctly?
e.g. 12345 needs to be read as 12 thousand, 3 hundred and forty five

Finding fractions of a number
If, for example, you are finding 4/5ths of 125-you need to find 1/5th of 125 which is 25 and multiply this by 4-so 4/5ths of 125=100

You can find many online games at
www.conkermaths.org and www.multiplication.com which make good starting points