Key Instant Recall Facts

Year 6 – Autumn 2

I know common factors and multiples

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

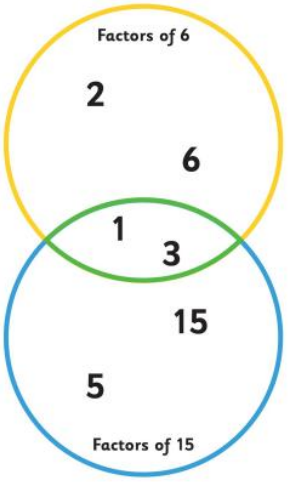
Key Vocabulary

- factor
- common factor
- multiple
- greatest common factor

Common Factors

A common factor is a factor of 2 or more numbers.

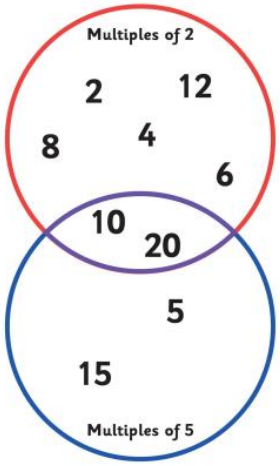
e.g. 3 is a common factor of 6 and 15.



Common Multiples

A common multiple is a multiple of 2 or more numbers.

e.g. 10 is a common multiple of 2 and 5.



The factors of a number are all numbers which divide it with no remainder.

E.g. the factors of 24 are 1, 2, 3, 4, 6, 8, 12, and 24. The factors of 56 are 1, 2, 4, 7, 8, 14, 28 and 56.

The common factors of two numbers are the factors they share.

E.g. the common factors of 24 and 56 are 1, 2, 4 and 8.

The greatest common factor of 24 and 56 is 8.

Practise online:

- There are many online games to practise finding the greatest common factor, for example: Multiples and Factors (topmarks.co.uk)
- Choose two numbers. Take it in turns to name factors. Who can find the most?
- Log in to TTRS and play Garage to support quick recall of related multiplication and division facts
- Download the White Rose One Minute Maths app and select multiplication and division magic mix
- Log in to Math Shed and select times tables