St Bernadette's Catholic Primary School

Key Instant Recall Facts

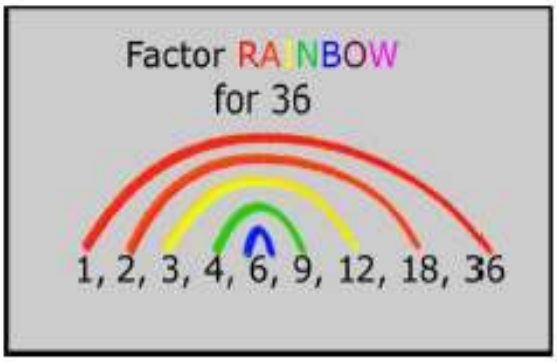
Year 6 – Spring 1

I can identify common factors of a pair of numbers.

By the end of this half term, the children should be able to explain how they know that a number is a common factor. E.g. 6 is a common factor of 24 of 48 because 6 x 4 = 24 and 6 x 8 = 48.

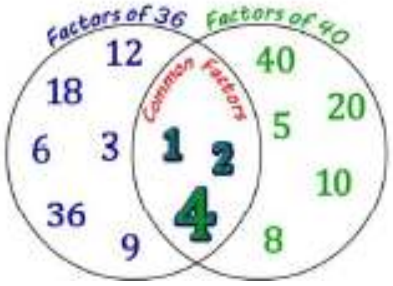
The factors of a number are all of the **integers** (whole numbers) that the number can be divided by without producing a remainder.
E.g. the factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24.
The factors of 56 are 1, 2, 4, 7, 8, 14, 28 and 56.

The common factors of two numbers are the factors that **they share.** E.g. the common factors of 24 and 56 are 1, 2, 4 and 8. The **highest common factor** of 24 and 56 is 8.



Key Vocabulary:

Factor
Product
Multiple
Integers
Highest common factor
Lowest common factor



Highest common factor of 36 and 40

Helpful Hints

The secret to success is little and often. Make sure that you use your time wisely! Can you practise your KIRFs whilst travelling to school? It might help to have a fact a day. Remember, you don't need to practise them all at once.

If your child is not yet confident with identifying factor pairs of a number, then you may wish to refer back to the Year 5 Spring 1 guidance sheet in order to practise this first.