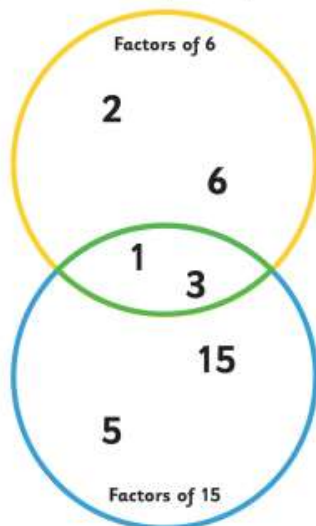# Key Instant Recall Facts
Year 6 – Spring 1

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**.

Common Factors

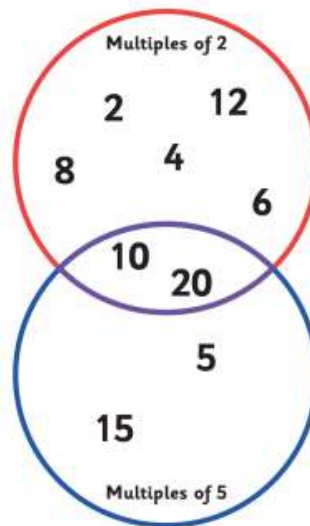*A common factor is a factor of 2 or more numbers.*

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.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? If your child is not yet confident with identifying factor pairs of a number, you may want to refer to the Year 5 Summer 2 sheet to practise this first.

There are many online games to practise finding the greatest common factor, for example: https://www.topmarks.co.uk/maths-games/multiples-and-factors

Choose two numbers. Take it in turns to name factors. Who can find the most?