Key Instant Recall Facts
Year Six – Autumn 2

I can identify common factors of a pair of numbers.

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

The factors of a number are all numbers which divide into 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

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 highest common factor of 24 and 56 is 8.

Key Vocabulary

Factor

Common factor

Multiple

Highest common factor

Children should be able to explain how they know that a number is a common factor. E.g. 8 is a common factor of 24 and 58 because 24 = 8 x 3 and 56 = 8 x 7

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 you would like more ideas, please speak to your child's teacher.

Online games – Games that would support division facts include Times Table Rock Stars https://ttrockstars.com and Hit the Button https://www.topmarks.co.uk/maths-games/hit-the-button

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

NOTE – We do not expect children to know all the factors of a number instantly but would expect them to be able to work them out within a minute or so for numbers under 100.