

Key Instant Recall Facts

Year 6 Spring 2

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

The key fact this half term is
To identify common factors of a pair of numbers

Key Facts

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 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.

Key Vocabulary

factor
common factor
multiple
greatest common factor

MAKE IT FUN

Use the divisibility rules to explore numbers you come across each day. The following website will explain and give examples for each of the different rules.

<https://www.mathsisfun.com/divisibility-rules.html>

Can you apply the rules to 4 or 5 digit numbers?

MAKE IT LINK

<https://www.topmarks.co.uk/mathsgames/multiples-and-factors>

<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Factor-Game/>

https://www.transum.org/Software/SW/Starter_of_the_day/starter_May7.ASP

<https://nrich.maths.org/dozens>

DEEPEN IT

<https://nrich.maths.org/factorsandmultiples>

[Flashing Lights \(maths.org\)](https://nrich.maths.org/1066)

<https://nrich.maths.org/1066>

If you need paper copies for any of the activities, please ask your teacher.

