



Key Instant Recall Facts

Year 5 – Autumn Term Two



I can recall factor pairs of numbers.

By the end of this half term, children should be able to confidently recall factor pairs of numbers up to 100 using their knowledge of times tables.

A factor is a number that divides into another number exactly without leaving a remainder.

For example:

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.

Challenge:

The common factors of 24 and 56 are 1, 2, 4 and 8.

The greatest common factor of 24 and 56 is 8.

Children should be able to explain how they know that a number is a common factor. For example, 8 is a common factor of 24 and 56 because $24 = 8 \times 3$ and $56 = 8 \times 7$.

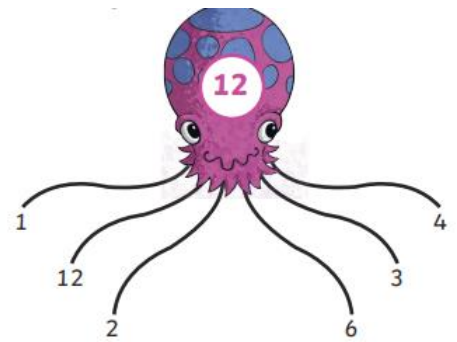
Key Vocabulary

factor

multiple

common factors

greatest common factor



Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these facts while walking to school or during a car journey?

- Make it fun – Choose two numbers. Take it in turns to name factors of your numbers. Who can find the most?
- Can you create a Factorpus for different numbers? See the example picture above for ideas!

Songs and Chants – There are lots of counting songs on YouTube. Find one you and your family enjoy. Here is one we use in school: <https://www.youtube.com/watch?v=ywOKPqFUyCA>

Online Resources –

<https://www.mathsisfun.com/greatest-common-factor.html> - Online information about factors and common factors.

<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Factor-Game/> - Online factor game against the computer

<https://www.topmarks.co.uk/maths-games/multiples-and-factors> - Choose the Factor train and this will take you to a Highest Common Factor game.