

Key Instant Recall Facts

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

- I can identify common factors of a pair of numbers.

Key Vocabulary:

Factor
Common factor
Highest common factor (HCF)
Multiple
Divisor

Stem sentences to use:

A common factor of ____ and ____ is ____ because _____.

To find the common factors, I can _____.

The greatest common factor of ____ and ____ is ____ because _____.

Suggested activities:

Factor List Challenge

- Choose two numbers and write all their factors.
- Circle the factors they have in common.

Factor Pair Cards

- Make cards with numbers and their factor pairs.
- Match cards to find shared factors.

Common Factor Hunt

- Pick numbers around the house (prices, page numbers, scores).
- Find their common factors.

Target Number Game

- Choose two numbers and race to find the greatest common factor (highest shared factor).

True or False Challenge

- Say statements such as "6 is a common factor of 18 and 24."
- Decide if they are true and explain why.

Top tip: Encourage your child to list the factors of each number systematically (starting with 1 and the number itself) to avoid missing any.

