



Key Instant Recall Facts Year 5 - Autumn 2

Focus: Factor pairs of a number

Aim: By the end of this half term, children should know the factor pairs of numbers in the times tables. The aim is for them to recall these facts fairly instantly.

Children should know all the multiplication and division facts up to 12×12 . When given a number in one of these times tables (a multiple), they should be able to state a factor pair which multiplies to make this number. Below are some examples:

$$24 = 4 \times 6$$
$$24 = 8 \times 3$$
$$24 = 12 \times 2$$

$$12 = 1 \times 12$$
$$12 = 2 \times 6$$
$$12 = 3 \times 4$$

Key Vocabulary

Can you find a **factor** of 28?

Find two numbers whose **product** is 20.

I know that 6 is a factor of 72 because 6 multiplied by 12 equals 72.

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 56 because $24 = 8 \times 3$ and $56 = 8 \times 7$.

Top Tips/Activity ideas

Little and often is the best way for children to retain these key facts. Practice them whilst on the way to school, during a car journey or at the kitchen table. If your child isn't confident with their times tables yet, you may want to practice these first.

Choose two numbers between 1 and 144. Take it in turns to find factor pairs. Who can find the most?