



Donnington Wood CE
Junior School

Key Instant Recall Facts

Year 5: Spring 2

Target: I can find factor pairs of numbers up to 100.

By the end of this half term, children in Year 5 should be able to use known facts to find factors of a number **quickly**:

Children should now know all multiplication and division facts up to 12×12 . When given a number in one of these times tables, they should be able to state a factor pair which multiply to make this number (product).

A factor is a whole number that divides exactly into another number; factors usually come in pairs.

Factors of 24

$$1 \times 24 = 24 \quad 2 \times 12 = 24 \quad 3 \times 8 = 24 \quad 4 \times 6 = 24$$

The factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24.

Key Vocabulary

factor, array, product, multiply, pairs, division

Examples of Key Questions

Can you find all of the factors of 28?

Find two numbers whose product is 24.

How many factors does 25 have?

I know that 6 is a factor of 42 because 6 multiplied by 7 is 42. Can you find any other factors of 42?

Top Tips to help at home

The secret to success is to practise **little** and **often**. Use your time wisely. Can you practise these facts whilst walking to school, during a car journey or even at breakfast? You don't need to learn them all at once: perhaps try learning a fact a day.

Use memory tricks – For those hard-to-remember facts, <https://www.multiplication.com/> has some strange picture stories to help children remember.

Think of the question – One player thinks of a times table question (e.g. 4×10) and states the answer. The other player has to guess the original question.

Factor Rainbows – Try drawing, painting or using chalk to create factor rainbows. [Example](#)

Useful website links

[Maths Nook](#)

Factors game

[Topmarks](#)

Multiples and factors games

[BBC Bitesize](#)

What are factors?

[Maths Play](#)

Who Wants to be a Millionaire Game

[Nrich](#)

Game for 2 players

