



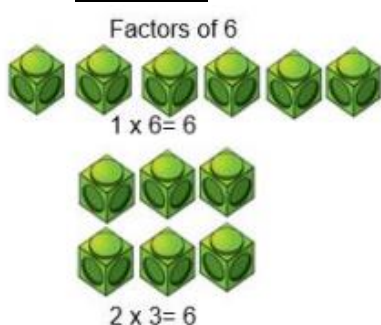
Key Instant Recall Facts Year 6 – Autumn 1

I can identify common factors of a pair of numbers.

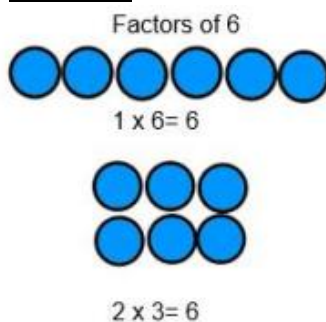
Children should be able to use their knowledge of factors to find the common factors of two numbers.

What can this look like?

Concrete:



Pictorial:



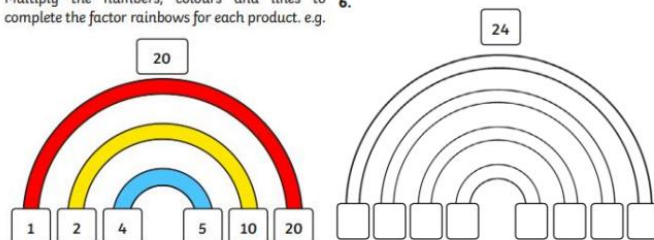
Abstract



Things to Try

Factor Rainbows- children can draw, paint or chalk factor rainbows.

Multiply the numbers, colours and lines to 6. complete the factor rainbows for each product. e.g.



Questions to ask at home:

What are the **common factors** of 18 and 21?

Is 12 a **common factor** of 48 and 36?

What is the highest **common factor** of 12 and 24?

Key Vocabulary

Array- An ordered collection of counters, cubes or other item in rows and columns.

Common factors- A number that can be divided into two different numbers, without leaving a remainder.

Factor- A number that multiplies with another to make a product.

Product- The result of multiplying one number by another.

Websites:

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

<https://www.mathnook.com/math/math-speed-racing-factors.html>

<https://www.math-play.com/Factors-Millionaire/factors-millionaire-game.html5.html>

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.