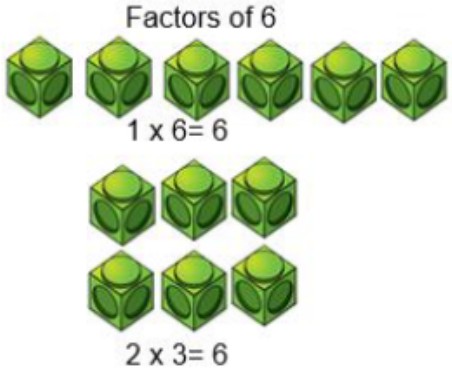
Year 6 – Autumn 1

KIRF: I can identify common factors of a pair of numbers.

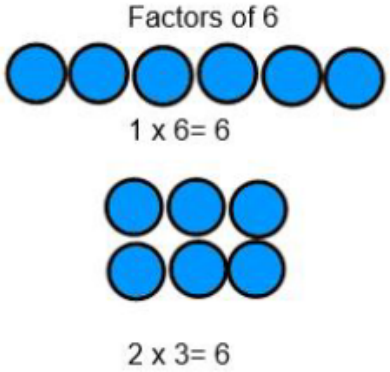
Children should be able to use their knowledge of factors to find the common factors of two numbers.

What can this look like?

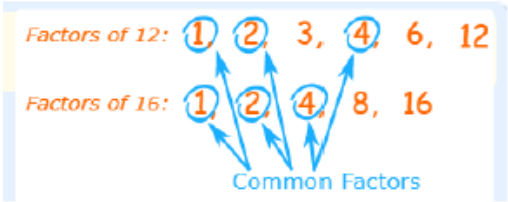
Concrete:



Pictorial:



Abstract:



Questions to ask at home

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

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

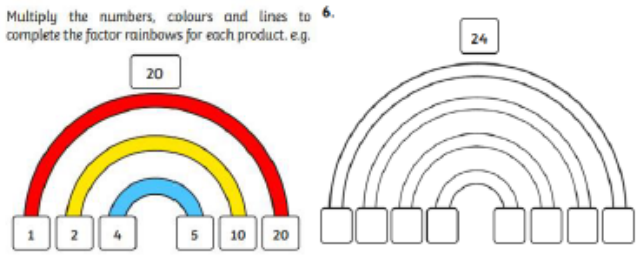
What is the highest **common factor** of 12 and 24?

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.

Things to try

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



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

https://whiterosemaths.com/homelearning/year-5/week-8-number-multiplication-division/