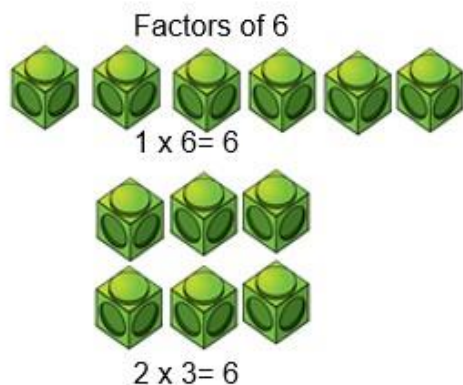


KIRF: I can find factor pairs of a number.

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.

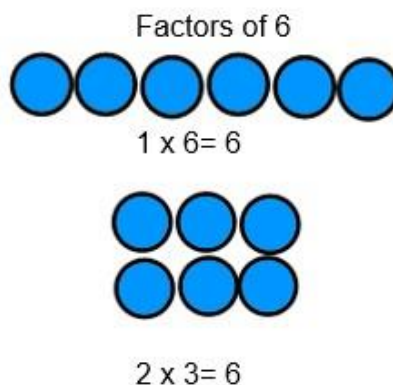


Concrete:

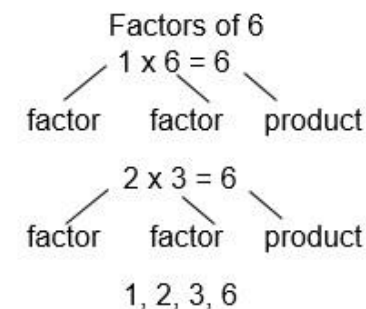


What can this look like?

Pictorial:



Abstract:



Questions to ask at home

Can you find a **factor** of 28? **1,2,4,7,14,28**

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

$1 \times 20, 2 \times 10, 4 \times 5$

How many **factors** does 25 have? **3**

Key vocabulary

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

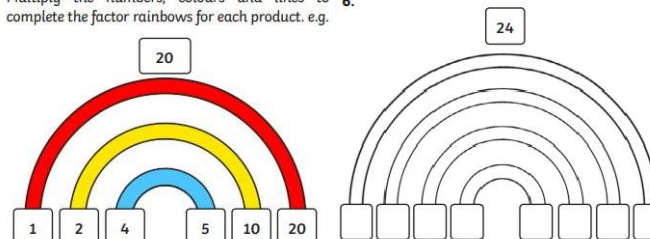
Factor- A number that multiplies with another to make a product.

Product- The result of multiplying one number by another.

Things to try

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

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



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/>