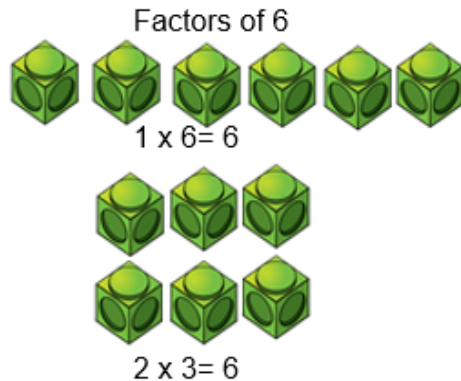


KIRF: I can find factor pairs of a number.

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.

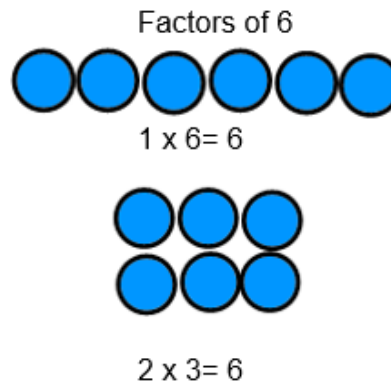


Concrete:

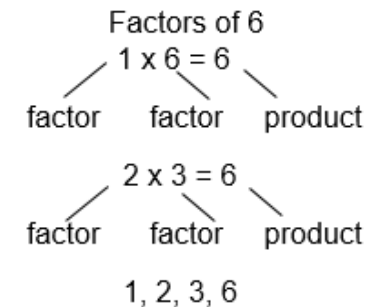


What can this look like?

Pictorial:



Abstract:



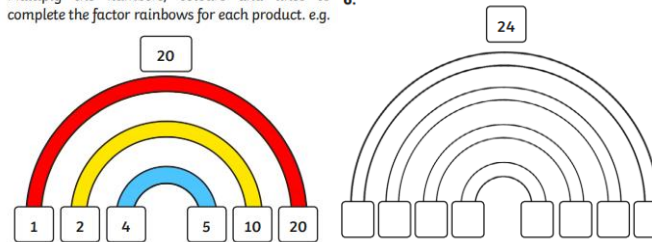
Questions to ask at home

- Can you find a **factor** of 28?
- Find two numbers whose **product** is 20.
- How many **factors** does 25 have?

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/>

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.