

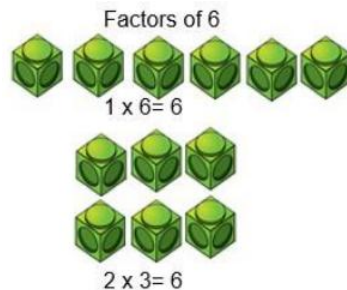
KIRF: Find factor pairs of a number



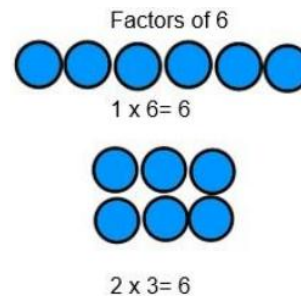
Children should now know all multiplication and division facts up to 12×12 . When given a number in one of these times tables, they should be able to state a factor pair which multiply to make this number.

What can this look like?

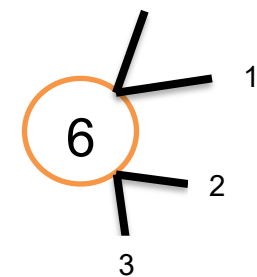
Concrete:



Pictorial:



Abstract:



Questions to ask at home

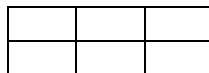
Can you find a factor of 28?

Find two numbers whose product is 20?

How many factors does 25 have?

Key vocabulary

Array – an ordered collection of counters, cubes or other items in rows and columns:



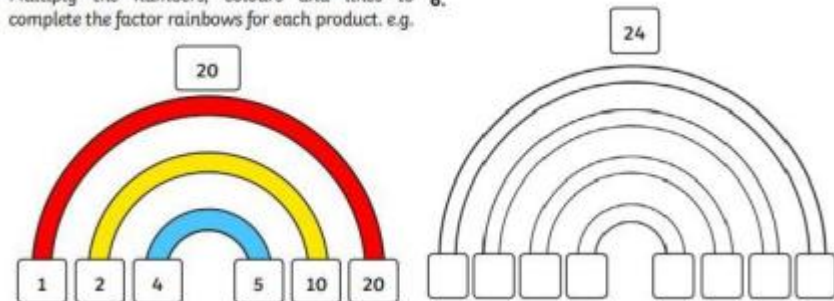
Factor – a number which multiplies by another number to make a product.

Product – the result of multiplying two numbers.

Things to try

Factor Rainbows: children 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