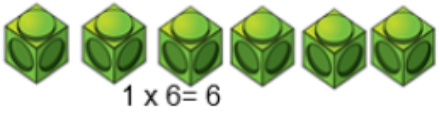
KIRF: I can find factor pairs of a number.

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.

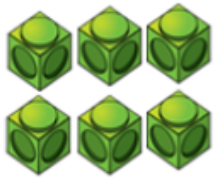
What can this look like?

Concrete:

Factors of 6



1 x 6= 6

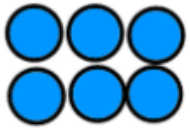


2 x 3= 6

Pictorial:

Factors of 6

1 x 6= 6



2 x 3= 6

Abstract:

Factors of 6

1 x 6 = 6

factor factor product

2 x 3 = 6

factor factor product

1, 2, 3, 6

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

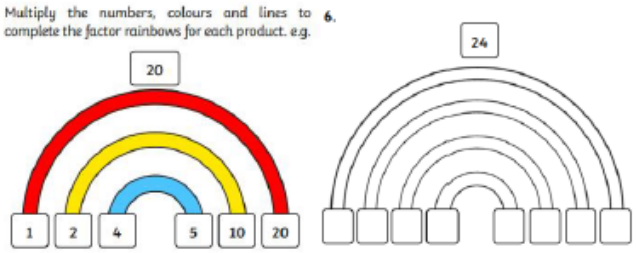
Array- An ordered collection of counters, cubes or other item in rows and columns.

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.



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/