

Factors & Multiples

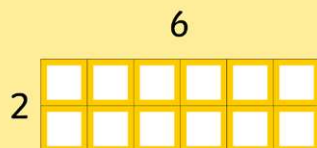
Find the different factors of a number by working out which numbers divide into it evenly.

What are all the factors of 12?

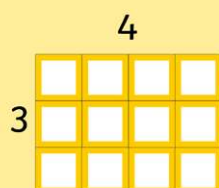
$$12 \div 1 = 12$$



$$12 \div 2 = 6$$



$$12 \div 3 = 4$$



The factors of 12 are:
1, 2, 3, 4, 6, 12

Remember:

A factor is a number that when multiplied with another, produces a given number.

Multiples appear in the number's multiplication table. You can calculate them by counting on by that number.

What are all the multiples of 12?

$$12 \times 1 = 12$$



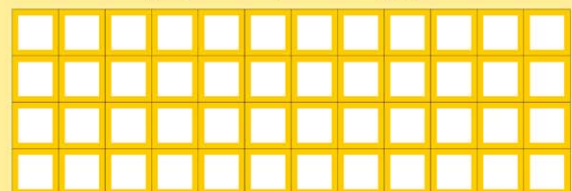
$$12 \times 2 = 24$$



$$12 \times 3 = 36$$



$$12 \times 4 = 48$$



The multiples of 12 include:
12, 24, 36, 48...

Remember:

A multiple is a number that may be divided by another, a certain number of times, without a remainder.