

# 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



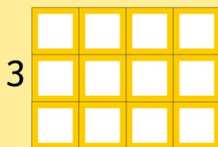
$$12 \div 2 = 6$$

6



$$12 \div 3 = 4$$

4



The factors of 12 are:

1, 2, 3, 4, 6, 12

**Remember:**

A factor is a number that is multiplied by another number to get a product.

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?

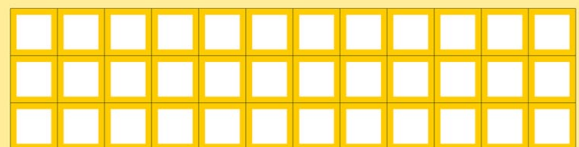
$$12 \times 1 = 12$$



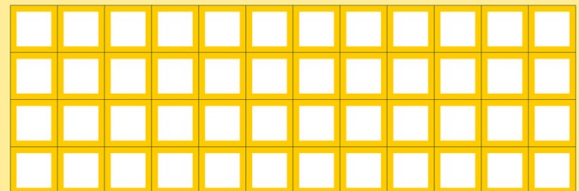
$$12 \times 2 = 24$$



$$12 \times 3 = 36$$



$$12 \times 4 = 48$$



The multiples of 12 include:

12, 24, 36, 48...

**Remember:**

A multiple is a number that can be divided evenly by a given number.