PRIME NUMBERS

A **Prime Number** is a number, greater than 1, that has only two factors (or divisors). These two factors are

    a) 1
    b) The number itself

For example, let's take number 7.

7 has only two factors ⟶ **{1, 7}**

This means that 7 is a prime number.

8 has more than two factors ⟶ **{1, 2, 4, 8}**

8 is not a prime number. It is a *composite number*.

A **Composite Number** is a number than has more than two factors.

A number which is not a prime number is called a composite number.