



PRIME NUMBERS

- A prime number is a number larger than one, divisible only by one or by itself.
- An even number, different from 2, is not prime.
- Between a number larger than one and its double, there is always at least one prime number.
- An even number (greater than or equal to 6) can be written as the sum of two prime numbers (**Goldbach's conjecture**).



PRIME NUMBERS

A prime number is a number larger than one, divisible only by one or by itself.

3

5

7

11

13



PRIME NUMBERS

An even number, different from 2, is not prime.

Indeed, it is always divisible by two!!!

4

6

8

10

12

14



PRIME NUMBERS

Between a number larger than one and its double, there is always at least one prime number.

222



307

331

409

444



PRIME NUMBERS

An even number (greater than or equal to 6) can be written as the sum of two prime numbers
(Goldbach's conjecture).

$$48 = 31 + 17$$