

Prime Numbers: Can only be divided by themselves and one.

(Note: 1 is the exception, it is not a prime number.)

Examples:

19 - Only divisors are 1 and 19,
so 19 is prime.

28 - Divisors are 1, 2, 4, 7, and 14,
so 28 is not prime.

2 - Only divisors are 1 and 2,
so 2 is prime.
(2 is the only even prime.)

First 25 prime numbers:

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31,
37, 41, 43, 47, 53, 59, 61, 67, 71, 73,
79, 83, 89, 97, ...