

Properties of Numbers

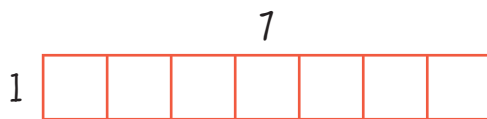
(page 1 of 2)

When a number is represented as an array, you can recognize some of the special properties of that number.

Math Words

- prime number
- composite number
- square number

Prime numbers have exactly two factors: 1 and the number itself.

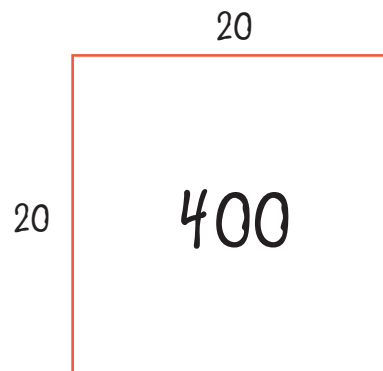
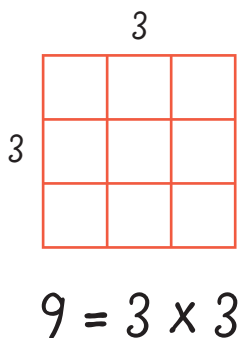


7 and 23 are examples of prime numbers.

Numbers that have more than two factors are called composite numbers.

The number 1 has only one factor. It is neither a prime number nor a composite number.

A square number is the result when a number is multiplied by itself.



9 and 400 are examples of square numbers.

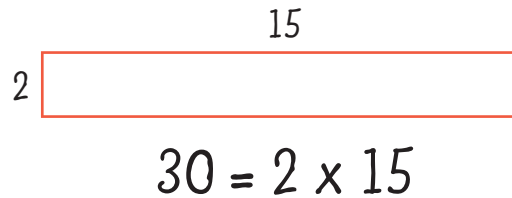
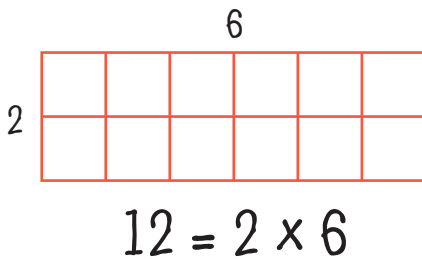
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(page 2 of 2)

Math Words

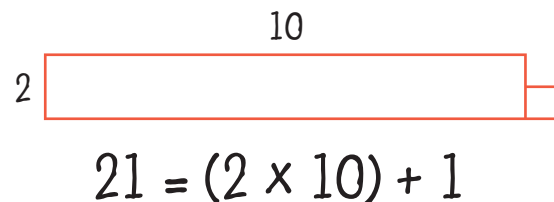
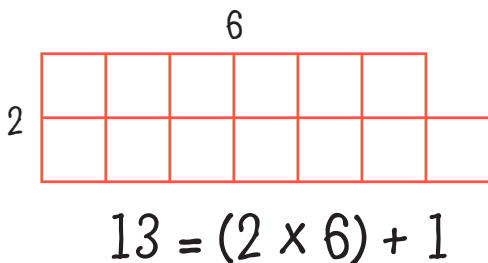
- even number
- odd number

An even number is composed of groups of 2. One of the factors of an even number is 2.



12 and 30 are examples of even numbers.

An odd number is composed of groups of 2 plus 1. An odd number does not have 2 as a factor.



13 and 21 are examples of odd numbers.



Find all the prime numbers up to 50.

Find all the square numbers up to 100.