

Distributive Property

The distributive property is a rule in math that lets us break apart a multiplication problem into smaller parts to make it easier to multiply.

Look at the example below.

we want to multiply 123 times 6. That's a big number and it will be difficult to do it just like that.

This is where the distributive property will help us.

$$123 \times 6$$

First we can put 123 into an expanded form

$$100 + 20 + 3$$