

## equation

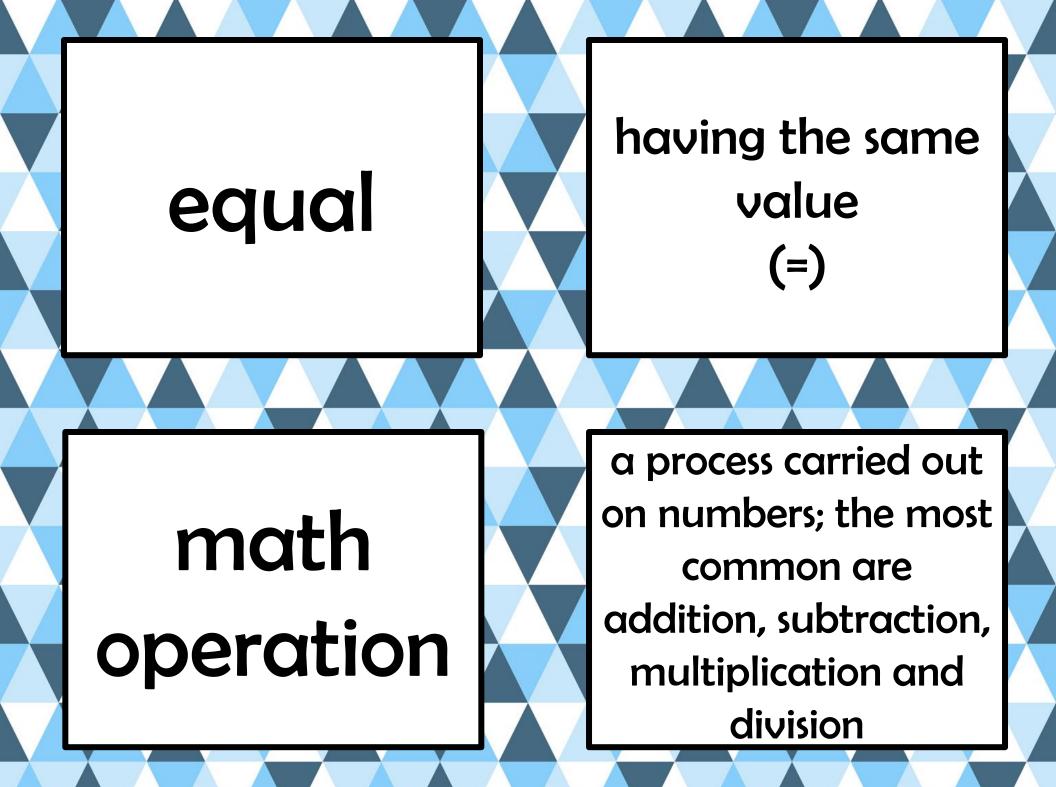
a number sentence that shows two things are equal (Ex: 4 + 3 = 7)

## symbol

a mark or picture that stands for a math idea Ex: (+ add) (- subtract) (= equals) (> greater than) (< less than)

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#### a number that is added in an addition addend problem (Ex: 6 + 2 = 9) math a plan or way to solve a problem strategy



counting

on

a mental math strategy for an addition problem where you start with the highest number and then "count up" the value of the lower number

## make a ten

a mental math strategy for an addition problem where thinking in groups of ten helps the process of addition (Ex: 7 + 4 - Think 7 + 3 = 10, 4 - 3 = 1 and then 10 + 1= 11)

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## mental math

math work that is done in one's head without the use of pencil and paper or other tools

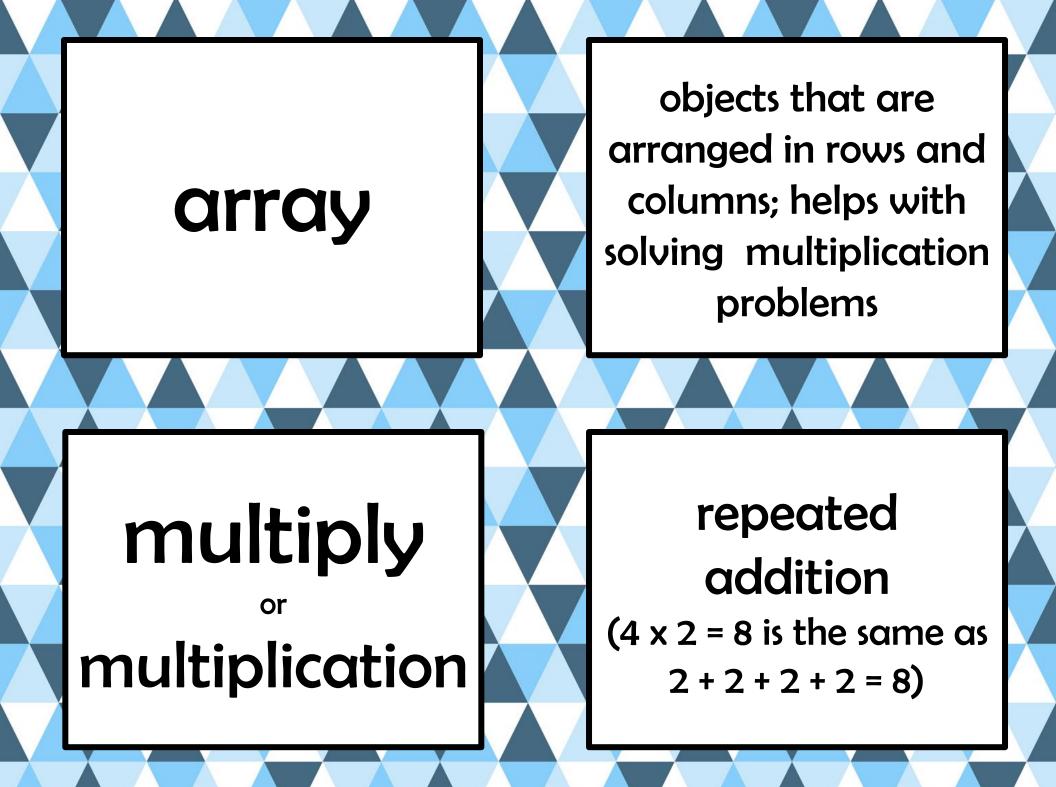
## number sentence

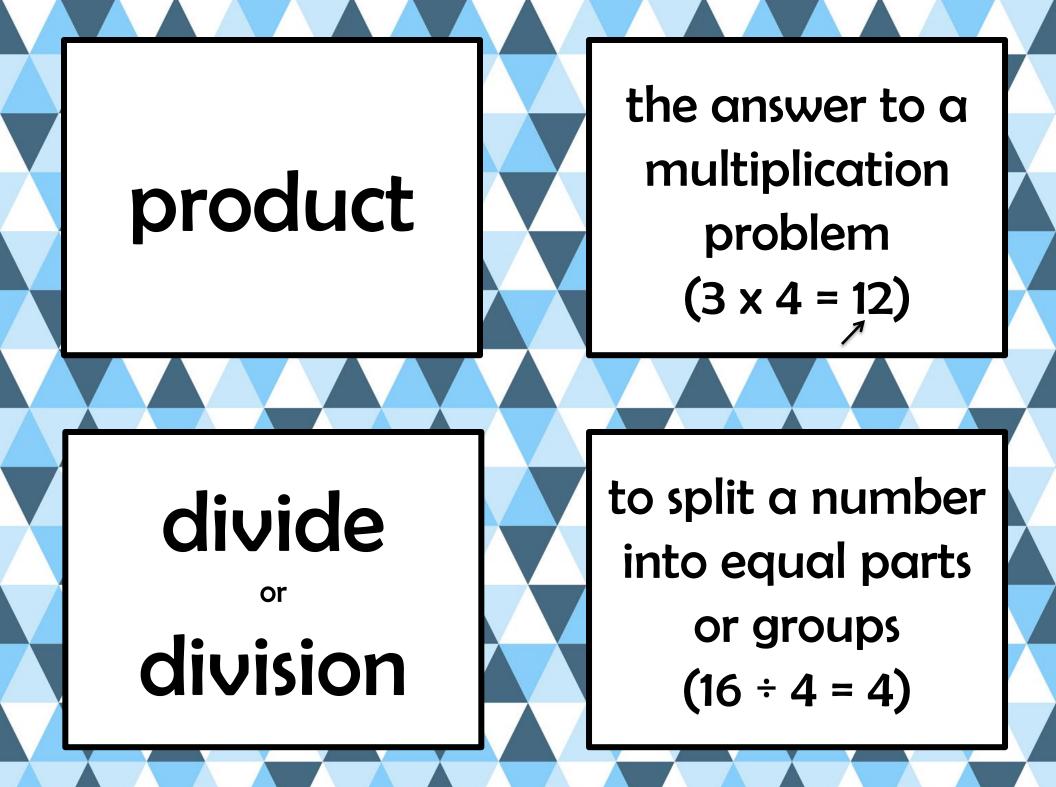
any equation that shows operations with numbers any whole number that can't be divided into two equal groups; they end in 1,3,5,7 or 9 any whole number

#### even

odd

any whole number that can be divided into two equal groups; they end in 0,2,4,6 or 8





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divisor

the number in a division problem that you are dividing by (18 ÷ 9<sup>4</sup>= 2)

### dividend

the number in a division problem that you want to divide into groups (18 ÷ 9 = 2)



the answer to a division problem (18 ÷ 9 = 2)

## whole number

## a number with no fractional part

### factor

one of the numbers that you are multiplying in a multiplication problem (3 x 4 = 12)

## Commutative property

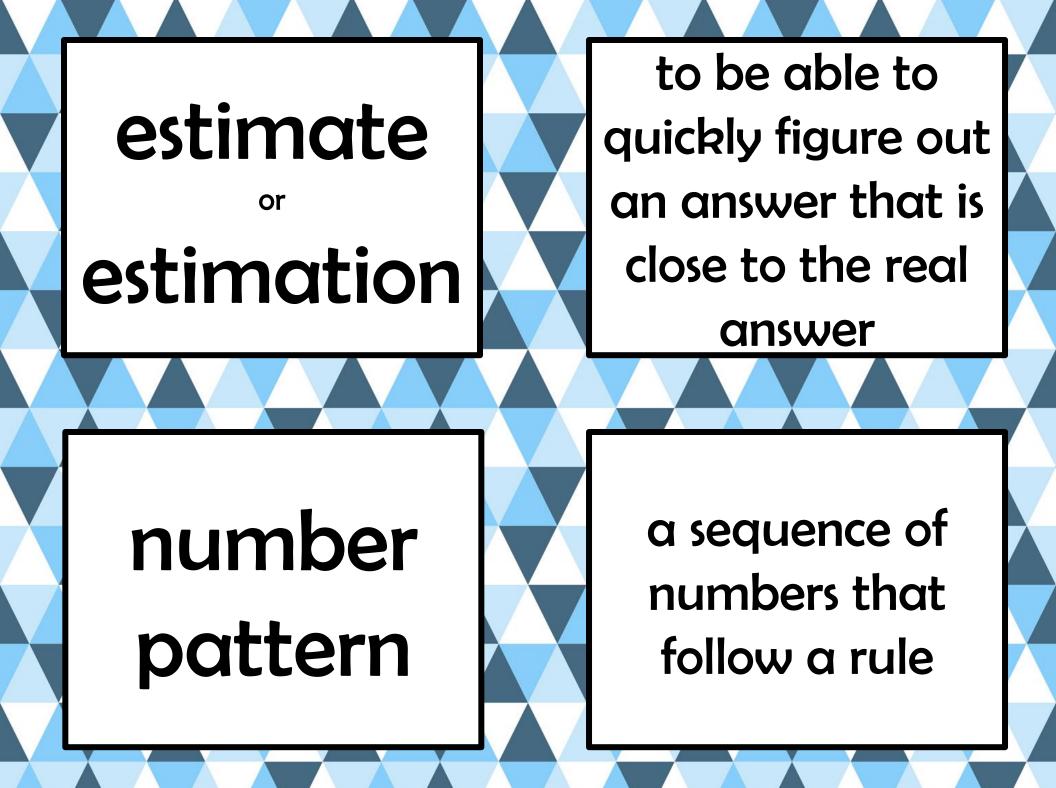
tells us that you can switch the numbers around and still get the same answer when you add or multiply (2 + 3) = (3 + 2) (2 x 3) = (3 x 2)

# Associative property

tells us that it doesn't matter how numbers are grouped when they are added or multiplied (2+3)+4=2+(3+4) $(2 \times 3) \times 4=2 \times (3 \times 4)$ 

## Distributive property

tells us that multiplying a number by a group of numbers added together is the same as doing each multiplication separately  $4 \times (2 + 3) = 4 \times 2 + 4 \times 3$ 



## number line

a line marked with numbers used as a tool to add, subtract or compare values

## fact family

addition and subtraction facts that are related and have the same three numbers in them (can also be multiplication and division facts)