

What is a Logarithm? Exploration

Counting by (+1) system



$$4 + 3 =$$

$$4 + (-1) =$$

$$2 + (-5) =$$

Counting by a (+n) system (Theoretical)



Counting by (+2) system



Counting by a (+8) system



Multiplication is just a fancy Addition counting system

But what if we wanted a system of counting where multiplying by a number created each new step?

Multiplying by n system (xn) (Theoretical)



Counting by a (x2) system



Counting by a (x3) system



Counting by a (x81) system



Counting by a (x5) system

