Math Videos # 3

Arrays (Grade Two)

An array is made up of equal groups which are in rows or columns. You can do repeated addition with an array.

Ie.

0000

0000 This array is 4 + 4 + 4 = 12 or 3 + 3 + 3 + 3 = 12

0000 (3 rows of 4) (4 columns of 3 )

<https://www.youtube.com/watch?v=00m3YhLT6fA>

(Grade 3)

Multiplication by 0

Since multiplication refers to “number of groups” X “number in each group” we can understand that if there are zero groups you will always have a product of zero. Therefore if either factor or a zero the product will always be zero.

Ie. 4 X0 = 0 0X5=0

<https://www.youtube.com/watch?v=92u117zn-rc>

Multiplication by 1

Any number multiplied by one means you only have one group of something.

Ie. 1X5=5 4X1=4

<https://www.youtube.com/watch?v=ufc38buf64E>

Multiplication by 2

When you multiply by two it is the same as “doubling” the number.

Ie. 3X2=6 (three groups with two in each group) 2+2+2=6

<https://www.youtube.com/watch?v=iiR8hqJeQsw>

Bar Graphs (Read and Create)

<https://www.youtube.com/watch?v=ReW4MPqXTvA>