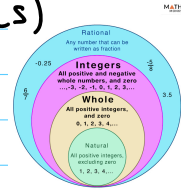


INTEGERS [LESSON A]

INTEGERS: A NUMBER WITH NO FRACTIONAL PARTS
(NO DECIMALS)

- INCLUDES POSITIVE AND NEGATIVE NUMBERS.
- INCLUDES ZERO



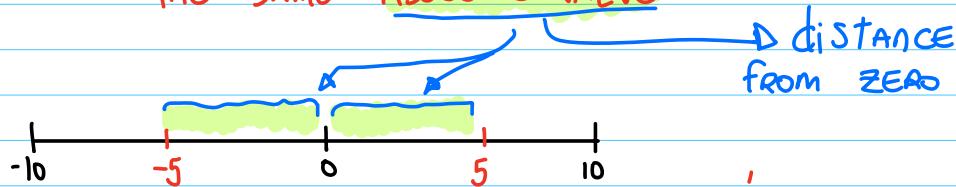
POSITIVE

- MORE
- PLUS
- GROW
- ABOVE
- ADD
- GAIN
- INCREASE
- DEPOSIT
- GIVE
- PROFIT
- BONUS
- HIGHER

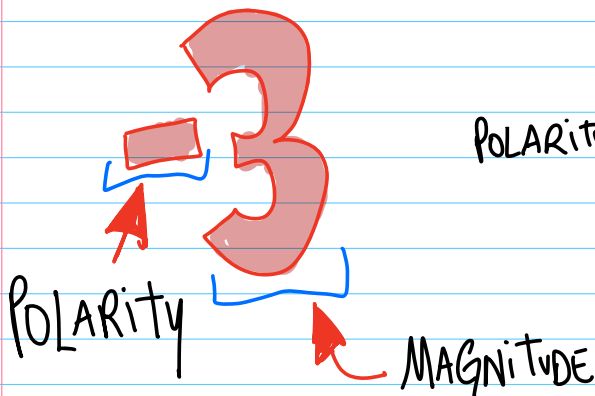
NEGATIVE

- TAKE AWAY
- DECREASE
- BELOW
- LOWER
- SHRINK
- LESS
- DIE **
- LOSE/LOSS
- WITHDRAWAL
- MINUS
- DEBT
- SUBTRACT

OPPOSITE INTEGERS: All integers have an opposite with THE SAME ABSOLUTE VALUE

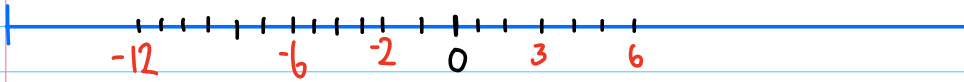


+5 & -5 ARE
OPPOSITE INTEGERS



POLARITY & MAGNITUDE ARE
RELATIVE TO THE
ORIGIN
AKA "0"

PLACE THESE ON A NUMBER LINE
~~-2~~, ~~6~~, ~~0~~, ~~-12~~, ~~3~~, ~~7~~ →



ALWAYS? SOMETIMES? NEVER?



Positive integers are greater than negative integers

The larger the *magnitude*, the larger the value of the integer

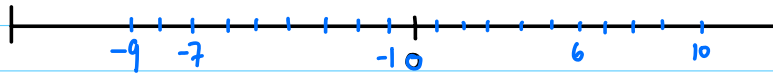
Zero is larger than negative integers

Opposite integers have the same *polarity*

Positive numbers are greater than negative numbers

PLACE THESE #'S ON A NUMBER LINE.

-7 10 0 6 -1 -9



Find a set of integers for each of the following set of clues:

- Odd numbers between -15 and 8 that are multiples of 3. → -15, -9, -3, 3
 $\boxed{-15}$ -13 -11 $\boxed{-9}$ -7 -5 $\boxed{-3}$ -1 0 1 2 $\boxed{3}$ 4 5 6 7 8
- Even numbers less than -10
- Greater than -25 and multiples of 2 and 5.