

Integers

Whole #'s

Counting #'s

1, 2, 3, 4...

0, 1, 2, 3...

... -3, -2, -1, 0, 1, 2, 3...

Sets

Set of whole #'s

{ 0, 1, 2, 3... }

braces

Set of integers

{ ... -2, -1, 0, 1, 2... }

Absolute Value

$$|8 - 10| = 2$$

$$|-2| = 2$$

distance an integer is from the origin (0)

$$|8 - 4|$$

$$|4| = 4$$

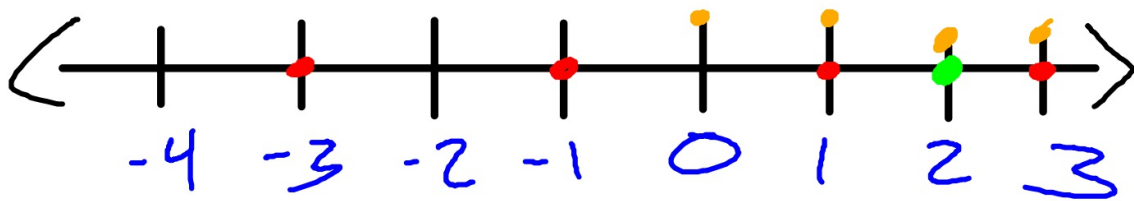
absolute value

$$|-5| = 5$$

$$|12| = 12$$

GRAPH ON A #LINE

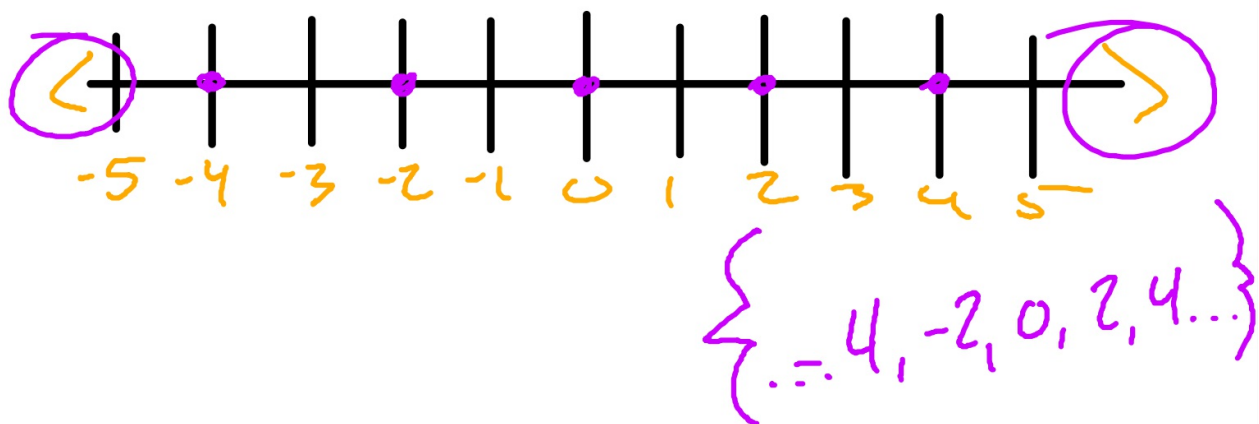
Plot even counting #'s



Odd integers

Whole #'s

Plot the set of even #'s



HW

L1: 1-4, 9-11, 13, 16, 17, 24,
25, 28-30