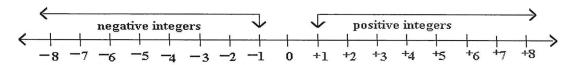
ADDING & SUBTRACTING INTEGERS

VOCABULARY:

Integers	the set of whole numbers (no decimals) that include positive numbers,				
*	negative numbers, and Zero				
Positive Integer	Any integer that is greater (bigger) than zero				
1000	Examples: 1, 2, 3				
Negative Integer	Any integer that is less than (smaller) zero				
	Examples: -1, -2, -3				

COMPARING THE VALUE OF INTEGERS

When comparing integers, we can use a number line. The further a number is to the right the greater it's value
- Positive integers are greater then negative integers



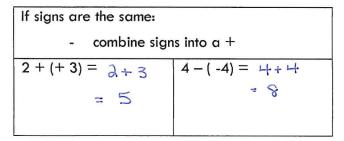
EXAMPLES:

- i) Which is greater:
- a) -6 or 6
- b) 18 or 9
- c) (-2) or -5
- ii) Rank these numbers from smallest to largest: -5, 10, 1, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$

WHAT WILL ADDING INTEGERS LOOK LIKE?

- Sometimes are expressions will involve brackets. Why are brackets used in these situations?

 → To Separate 51975
- If there are two operations/signs beside each other, separated by only a bracket, we can eliminate the bracket by combining the signs



If signs are different:					
- Combine signs into a -					
-8 + (-2) = -8-2					
=-10					

Examples

iii)
$$(3) - (+3)$$

iv)
$$(-4) - (+5)$$

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