6.1 Integers

EQ: How can you represent numbers that are less than zero?

Integer - positive and negative numbers.

Positive Numbers - greater than 0 (+) right side of the number line
Negative Numbers - less than zero (-) left side of the number line -1, -3.5, -8

Opposites - numbers on the opposite side of the number line.

Ex: \[\begin{array}{c}
-2 \\
0 \\
2
\end{array}\]

-2 and 2

Example 1: Write the integer

1. You climb up 700 ft = 700
2. You lose 5 points = -5
3. You dive 30 ft into the ocean = -30

Example 2: Graph the number and its opposite.

1. 3

2. -2