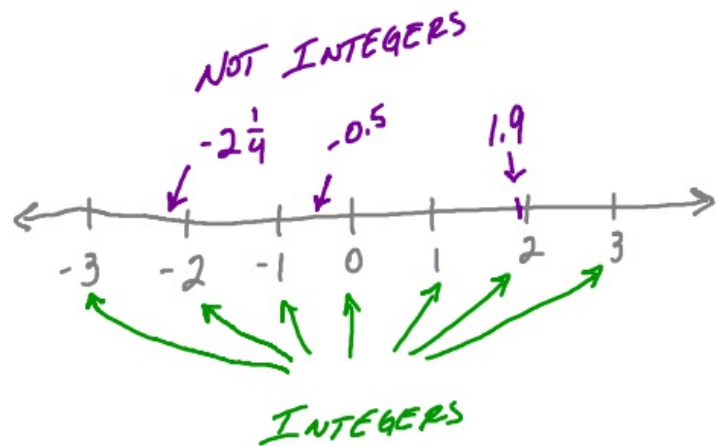


INTEGERS AND ABSOLUTE VALUE

8/25/25

INTEGERS	NOT INTEGERS
3	3.2
8	$8\frac{1}{4}$
$\frac{10}{5} = 2$	$\frac{10}{7} = 1\frac{3}{7}$
WHOLE NUMBER	NOT WHOLE NUMBERS
-17	$-17\frac{1}{2}$



- ABSOLUTE VALUE IS A NUMBER'S DISTANCE FROM ZERO.
- DISTANCE IS ALWAYS POSITIVE.
- ABSOLUTE VALUE IS ALWAYS POSITIVE.

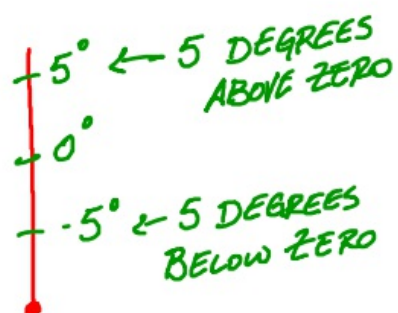
$$\left. \begin{array}{l} |7| = 7 \\ |-7| = 7 \end{array} \right\} \text{BOTH HAVE A DISTANCE FROM ZERO OF 7}$$

$$|-5| = 5$$

$$|-5| + 3 = \underline{5} + 3 = 8$$

$$|-5| + |3| = \underline{5} + 3 = 8$$

$$|-5| + |-3| = \underline{5} + 3 = 8$$



$$|-6| = 6$$

$$|-6| - 2 = 6 - 2 = 4$$

$$|-6| - |2| = 6 - 2 = 4$$

$$|-6| - |-2| = 6 - 2 = 4$$

