

Integer Addition

① Integer Tiles, Always circle the neutral pairs

$$5+3 \quad \begin{array}{c} +++++ \\ +++ \end{array} \quad 5+3=8$$

$$-4+9 \quad \begin{array}{c} \textcircled{-} \textcircled{-} \textcircled{-} \textcircled{-} \\ +++++ \end{array} \quad -4+9=5$$

$$-2+(-6) \quad \begin{array}{c} -- \\ ---- \end{array} \quad -2+(-6)=-8$$

② Number Line

any number + a positive \rightarrow move to the right
any number + a negative \rightarrow move to the left

$$-1+6 \quad \begin{array}{c} \leftarrow | \quad | \quad | \quad | \quad | \rightarrow \\ -2 \quad 0 \quad 2 \quad 4 \quad 6 \end{array} \quad -1+6=5$$

$$3+(-4) \quad \begin{array}{c} \leftarrow | \quad | \quad | \quad | \rightarrow \\ -2 \quad 0 \quad 2 \quad 4 \end{array} \quad 3+(-4)=-1$$

③ Battle Method - only works when adding a positive and a negative

Pos # = Good Guys

Neg # = Bad Guys

$$5 + (-4) = 1$$

Every Good Guy demolishes 1 Bad Guy

Answer is what is left