

Adding Integers

11/18

Rules

① Same Signs Add & Keep the Sign
(BOTH Negative)

Ex) $-5 + -5 = -10$
 $-3 + -2 = -5$
 $-7 + -9 = -16$

$-8 + -6 = -14$
 $-6 + -3 = -9$
 $-20 + -13 = -33$

② Different Signs Subtract &
take the Sign of the bigger Number

Ex) $-3 + 3 = 0$
 $-7 + 9 = 2$
 $10 + -6 = 4$

$-8 + 5 = -3$
 $4 + -9 = -5$
 $-30 + 20 = -10$

Nov 15-10:23 AM

Practice

① $-5 + 10 + -5 = 0$

\downarrow
 $5 + -5 = 0$
 $-5 + -5 + 10$
 \downarrow
 $-10 + 10 = 0$

② $17 + 23 + -17 = 23$

$\swarrow \quad \searrow$
 $0 + 23$

③ $16 + -8 + 4 = 12$

$\swarrow \quad \searrow$
 $20 + -8$

Nov 18-9:37 AM

Practice

$$\textcircled{1} -3 + -7 = -10$$

$$\textcircled{3} -10 + 15 = 5$$

$$\textcircled{2} -7 + 3 = -4$$

$$\textcircled{4} -20 + -5 = -25$$

Nov 15-10:28 AM

$$\textcircled{5} \begin{array}{l} 3 + -3 + 15 \\ \quad \checkmark \\ 0 + 15 = 15 \end{array}$$

$$\textcircled{7} \begin{array}{l} -4 + -2 + -6 \\ \quad \checkmark \\ -6 + -6 = -12 \end{array}$$

$$\textcircled{6} \begin{array}{l} -2 + -3 + 5 \\ \quad \checkmark \\ -5 + 5 = 0 \end{array}$$

Nov 15-10:33 AM