

Adding and Subtracting Real Numbers

Absolute Value

$$|8| = 8, |-8| = 8$$

Same Sign (SS) $\rightarrow$ Add, Keep Sign

Different Sign (DS) $\rightarrow$ Subtract, Original Sign of Larger Absolute Value

Add or subtract.

$$1) -10 + (-15) \text{ SS} \quad 2) -21 + 10 \text{ DS} \quad 3) 18 + (-9) \text{ DS}$$
$$\textcircled{-25} \quad \textcircled{-11} \quad \textcircled{9}$$

$$4) -3 - 8 \text{ SS} \quad 5) 12 - 15 \text{ DS} \quad 6) -5 \overset{+}{-} (-8) \text{ DS}$$
$$\textcircled{-11} \quad \textcircled{-3} \quad \textcircled{3}$$

$$7) 9 \overset{+}{-} (-6)$$
$$\textcircled{15}$$