

Name _____

$$\textcircled{1} -6 + (-3) - (-8)$$

$$\begin{aligned}\textcircled{1} -6 + (-3) - (-8) \\ -9 - (-8) \\ -9 + 8 = \boxed{-1}\end{aligned}$$

$$\textcircled{2} \frac{-6(-3)}{-2}$$

$$\textcircled{2} \frac{-6(-3)}{-2} = \frac{18}{-2} = \boxed{-9}$$

$$\textcircled{3} |-6| + |-4|$$

$$\begin{aligned}\textcircled{3} |-6| + |-4| \\ 6 + 4 = \boxed{10}\end{aligned}$$

$$\textcircled{4} -9 - (-3) - 2 + (-4)$$

$$\begin{aligned}\textcircled{4} -9 - (-3) - 2 + (-4) \\ -9 + 3 - 2 + (-4) \\ -6 - 2 + (-4) \\ -6 + (-2) \\ -8 + (-4) = \boxed{-12}\end{aligned}$$

$$\textcircled{5} (-4)^3$$

$$\begin{aligned}\textcircled{5} (-4)^3 = -4 \times (-4) \times (-4) \\ = \boxed{-64}\end{aligned}$$

$$\textcircled{6} \frac{15 - (-3) - (-2) + 5}{-5 + (-5) + 5}$$

$$\begin{aligned}\textcircled{6} \frac{15 - (-3) - (-2) + 5}{-5 + (-5) + 5} \\ \frac{15 + 3 + 2 + 5}{-10 + (+5)} = \frac{25}{-5} = \boxed{-5}\end{aligned}$$

$$\textcircled{7} -3 - |-4| - (-2)$$

$$\textcircled{7} -3 - |-4| - (-2)$$

$$-3 - 4 + 2$$

$$-3 + (-4) + 2$$

$$-7 + 2 = \boxed{-5}$$

$$\textcircled{8} a=2, b=-3$$

$$ab^3$$

$$\textcircled{8}$$

$$ab^3$$

$$(2)(-3)^3 = 2(-27)$$

$$\boxed{-54}$$

$$\textcircled{9} a=2, b=-3$$

$$-(ab^2)$$

$$\textcircled{9} -(ab^2)$$

$$-[(2)(-3^2)]$$

$$-[(2)(9)]$$

$$\boxed{-18}$$

$$\textcircled{10} -50 - (-3 \cdot 6) - \left(-\frac{15}{3}\right)$$

$$\textcircled{10} -50 - (-3 \cdot 6) - \left(-\frac{15}{3}\right)$$

$$-50 - (-18) - (-5)$$

$$-50 + 18 + 5$$

$$-50 + 23 =$$

$$\boxed{-27}$$