

Complete the statement using $<$, $>$, or $=$

$8 \underline{\quad} |-5|$

$|-12 \cdot -2| \underline{\quad} -12 + -12$

$|-1| \underline{\quad} 1$

$8 + -2 \underline{\quad} |-5 + 3|$

$|-9| \underline{\quad} 7$

$-4 \cdot -3 \underline{\quad} -10 + 3$

Simplify the expression.

$-3 + -13$

$-8 - 5$

$12 - 17$

$-30 \div 6$

$-4 \cdot -6$

$5 - -3$

$-56 \div -7$

$-9 \cdot 7$

$-12 + 7$

$-3 - 10$

$-100 \div -2$

$-3 \cdot -8$

Which of the following equal -6 ?

$-10 + 4$

$-3 \cdot -2$

$36 \div -6$

$-10 - 6$

Simplify.

$-2 - 3 \cdot 2 + 4$

$(-5 - -3)(-2 + 8)$

$-9 + (-6 - 8)$

Evaluate the following expressions $w = -4$, $x = -3$, $y = 2$, $z = -5$.

$$-2w + z$$

$$y + z + wz$$

$$xy - wz$$

$$4 - \frac{w}{y}$$

Your bank account has a balance of $-\$5$. You deposit $\$20$. What is your new balance?

A manatee population decreases by 15 manatees each year for 3 years. Find the **total change** in the manatee population.

You lose four points each time you attend gym class without sneakers. You forget your sneakers three times. What integer represents the change in your points?

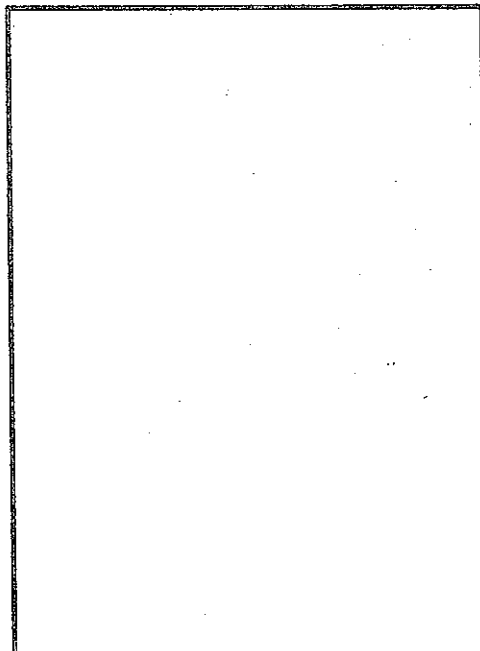
Carol solved the following problem **incorrectly**. Explain what she did wrong in the box and then correct the problem.

$$(10 - 13)(2 + -6)$$

$$-3(2 + -6)$$

$$-3(4)$$

$$-12$$



$$(10 - 13)(2 + -6)$$

Complete the statement using $<$, $>$, or $=$

$$8 \underline{>} \frac{|-5|}{5}$$

$$|-12 \cdot -2| \underline{>} -12 + -12$$

$$\frac{|24|}{24} \quad -24$$

$$|-1| \underline{=} 1$$

$$1 \quad 1$$

$$8 + -2 \underline{>} \frac{|-5 + 3|}{2}$$

$$6 \quad \frac{|-2|}{2}$$

$$|-9| \underline{>} 7$$

$$9 \quad 7$$

$$-4 \cdot -3 \underline{>} -10 + 3$$

$$12 \quad -7$$

Simplify the expression.

$$-3 + -13$$

$$\boxed{-16}$$

$$-8 + 5$$

$$\boxed{-3}$$

$$12 + 17$$

$$\boxed{-5}$$

$$-30 \div 6$$

$$\boxed{-5}$$

$$-4 \cdot -6$$

$$\boxed{24}$$

$$5 + +3$$

$$\boxed{8}$$

$$-56 \div -7$$

$$\boxed{8}$$

$$-9 \cdot 7$$

$$\boxed{-63}$$

$$-12 + 7$$

$$\boxed{-5}$$

$$-3 + 10$$

$$\boxed{-13}$$

$$-100 \div -2$$

$$\boxed{50}$$

$$-3 \cdot -8$$

$$\boxed{24}$$

Which of the following equal -6 ?

$$\boxed{\begin{array}{l} -10 + 4 \\ -6 \end{array}}$$

$$-3 \cdot -2$$

$$6$$

$$\boxed{\begin{array}{l} 36 \div -6 \\ -6 \end{array}}$$

$$-10 + 6$$

$$-16$$

Simplify.

$$-2 - 3 \cdot 2 + 4$$

$$-2 + -6 + 4$$

$$-8 + 4$$

$$\boxed{-4}$$

$$(-5 + +3)(-2 + 8)$$

$$(-2)(6)$$

$$\boxed{-12}$$

$$-9 + (-6 + 8)$$

$$-9 + -14$$

$$\boxed{-23}$$

Evaluate the following expressions $w = -4$, $x = -3$, $y = 2$, $z = -5$.

$$-2w + z$$

$$-2(-4) + -5$$

$$8 + -5$$

$$\boxed{3}$$

$$y + z + wz$$

$$2 + -5 + -4(-5)$$

$$2 + -5 + 20$$

$$-3 + 20$$

$$\boxed{17}$$

$$xy - wz$$

$$(-3)(2) - (-4)(-5)$$

$$-6 + -20$$

$$\boxed{-26}$$

$$4 - \frac{w}{y}$$

$$4 - \frac{(-4)}{2}$$

$$4 + +2$$

$$\boxed{6}$$

Your bank account has a balance of $-\$5$. You deposit $\$20$. What is your new balance?

$$-5 + 20$$

$$\boxed{\$15}$$

A manatee population decreases by 15 manatees each year for 3 years. Find the total change in the manatee population.

~~-15 manatees~~
~~3 years~~

$$-15(3)$$

$$\boxed{-45 \text{ manatees}}$$

You lose four points each time you attend gym class without sneakers. You forget your sneakers three times. What integer represents the change in your points?

$$-4(3) = \boxed{-12} \text{ loss of 12 pts}$$

Carol solved the following problem **incorrectly**. Explain what she did wrong in the box and then correct the problem.

$$(10 - 13)(2 + -6)$$

$$-3(2 + -6)$$

$$-3(4)$$

$$-12$$

$$2 + -6 = -4$$

$$-3 \cdot -4$$

$$12$$

$$(10 - 13)(2 + -6)$$

$$-3(-4)$$

$$\boxed{12}$$