

Name: _____

Date: _____

1. At 5PM the temperature was -9.6 degrees. By midnight it decreased 3.5 degrees. What was the temperature at midnight?

2. The $\sqrt{52}$ is between which two integers?

3. Simplify $4x - 1 - (5x + 3)$

4. The perimeter of a square is $48x + 12$ inches. Write an expression for one side of the square.

5. Evaluate $x - y$ if $x = -\frac{1}{2}$ and $y = -\frac{1}{5}$

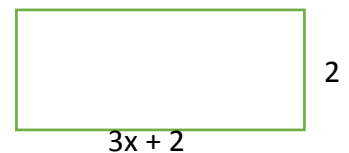
6. Simplify $-\frac{1}{2}(9x + 3)$

7. Solve and check: $\frac{2}{5}x + 6 - \frac{1}{5}x = -12$

8. Simplify $0.10x - 0.15$ is subtracted from $3.5x + 1.1$

9. Find three consecutive integers whose sum is 126 .

10. Find the perimeter of a rectangle as a simplified expression



11. If the perimeter of the above rectangle was 50 , write an equation to find x and solve.

12. Suppose a second rectangle has the dimensions below. Find the perimeter as a simplified expression.

