

Chapter 1 Review

Date _____ Period _____

Evaluate.

1) -6^2

2) $-4x + 6y$ if $x = -2$ and $y = 5$

Evaluate each expression.

3) $6 + 4 - (-2)^2$

Simplify each expression.

4) $6(n + 3) + 8n$

Solve each equation.

5) $8 - 8n + 3 = -5$

6) $-6 - 3x + 6x = 3$

7) $4(4n - 4) = 16 + 8n$

8) $6(8x - 6) = -4x + 16$

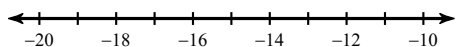
Solve the absolute value equation.

9) $\left| \frac{x}{8} \right| = 5$

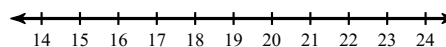
10) $|7 + x| = 2$

Solve each inequality and graph its solution.

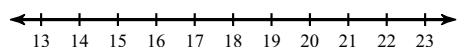
11) $6x > -84$



12) $v - 11 > 5$

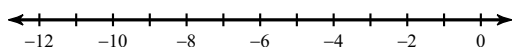


13) $-2m - 4 > -38$

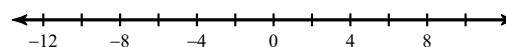


Solve each compound inequality and graph its solution.

14) $-13 < n - 3 \leq -10$



15) $9n \leq -63$ or $4 + n > 11$



Solve each inequality and graph its solution.

16) $|b - 8| \geq 11$

