

I. Solve each equation.

1) $p - 17 = -28$

II. Solve each equation.

2) $2 + 7r + 3r = -18$

III. Solve each equation.

3) $7 - 3b = 7 + 6b$

IV. Solve each equation.

4) $-6(2x + 8) = -8x - 28$

5) $-3n + 3 = -6(5 + 6n)$

V. Solve each equation.

6) $-12 = -8x - 7 + 8x$

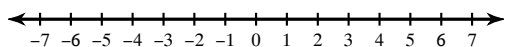
VI. Solve each equation.

7) $3|v + 5| = 39$

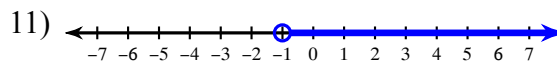
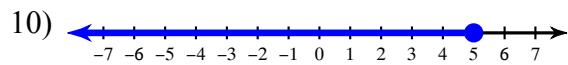
8) $\left| \frac{x}{9} \right| + 2 = 3$

VIII. Draw a graph for each inequality.

9) $n < -1$



IX. Write an inequality for each graph.



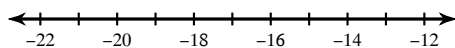
X. Write an equation or inequality for each.

12) 17 is less than the quotient of y and 12

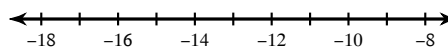
13) 23 is greater than or equal to 11 more than w.

XI. Solve each inequality and graph its solution.

14) $-34 \leq 2x$

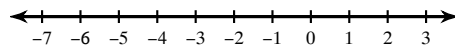


15) $50 \leq -5x$

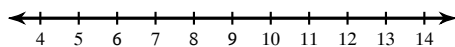


XII. Solve each inequality and graph its solution.

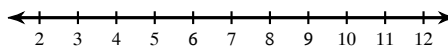
16) $1 + 5p - 2p \leq -5$



17) $3a - 8 > a + 4$

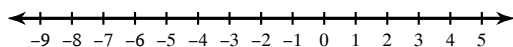


18) $4 + 4(n - 2) \geq 38 - 3n$



Solve each compound inequality and graph its solution.

19) $-3 < p + 4 \leq 6$



20) $x + 6 > 6$ or $1 + x \leq -4$

