

**I. Solve each equation.**

1)  $17m = -34$

**II. Solve each equation.**

2)  $-6k + 6k = 0$

**III. Solve each equation.**

3)  $-9 + 5x - 6 + 3 = 8x - 6x$

**IV. Solve each equation.**

4)  $-1 + 2(r + 7) = 7r - 12$

5)  $4(n - 3) = -5 - 3n$

**V. Solve each equation.**

6)  $-5r + 5r = 3$

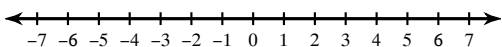
**VI. Solve each equation.**

7)  $-2 + \left| \frac{k}{7} \right| = -1$

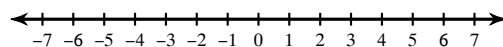
8)  $9 + |x - 10| = 18$

**VIII. Draw a graph for each inequality.**

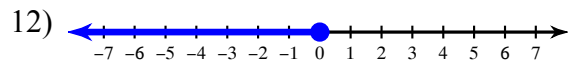
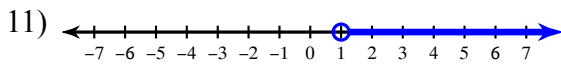
9)  $n \geq -6$



10)  $x < -4$



**IX. Write an inequality for each graph.**



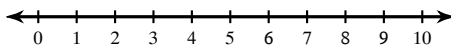
**X. Write an equation or inequality for each.**

13) Five more than a number squared is 14.

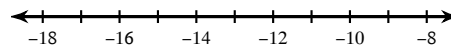
14) 8 is less than the quotient of x and 11.

**XI. Solve each inequality and graph its solution.**

15)  $\frac{2}{5} > \frac{n}{15}$

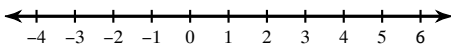


16)  $-3m \leq 39$

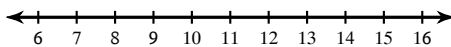


**XII. Solve each inequality and graph its solution.**

17)  $1 + 2v + 4v > 13$

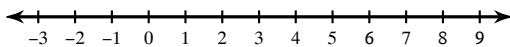


18)  $-2 + 4n < 3(n + 2)$



**Solve each compound inequality and graph its solution.**

19)  $5 + 2x < 5$  or  $5x - 8 > 17$



20)  $-10 < -4x - 6 \leq 22$

