

Solve each equation.

1) $x - 18 = -10$

2) $-7 + \frac{x}{4} = -8$

3) $\frac{m - 8}{4} = 2$

4) $9(1 + x) = -54$

5) $-5 + 6n = 115$

6) $5x + 3x = -16$

7) $51 = 3(3x + 2)$

8) $|n| = 3$

9) $2|a - 2| = 2$

10) $|10 + 4p| + 6 = 12$

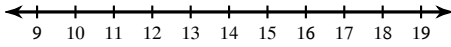
Solve each equation for the indicated variable.

11) $z = a - m$, for a

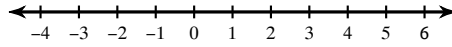
12) $2a - 3k = 3$, for a

Solve each inequality and graph its solution.

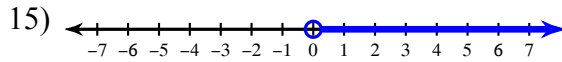
13) $x - 4 \leq 12$



14) $-9k \leq -36$

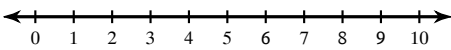


Write an inequality for each graph.



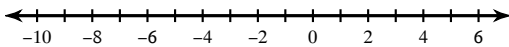
Solve each inequality and graph its solution.

16) $33 < 3(2 + 3x)$

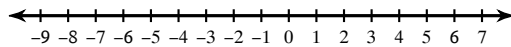


Solve each compound inequality and graph its solution.

17) $8n + 4 < -44$ or $9n - 5 \geq 22$

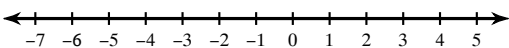


18) $-64 < 10b + 6 < 66$



Solve each inequality and graph its solution.

19) $|2 - 4b| \leq 6$



20) $|2 + 2p| > 4$

