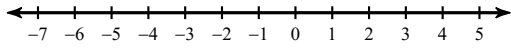


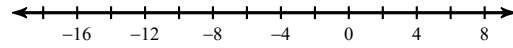
## Sec 2.6B

Solve each inequality and graph its solution.

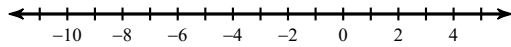
1)  $|x + 2| < 4$



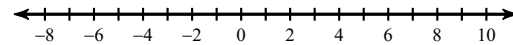
2)  $|6 + k| < 11$



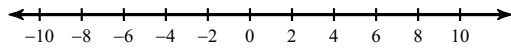
3)  $|x + 3| \geq 4$



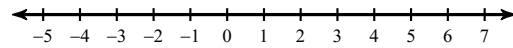
4)  $\left|\frac{p}{5}\right| \geq 1$



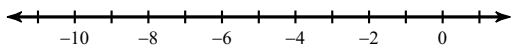
5)  $|2n| > 12$



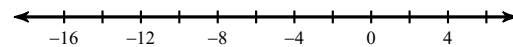
6)  $|6r| < 24$



7)  $|6 + m| < 4$

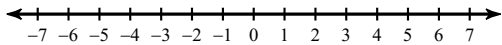


8)  $|p + 5| > 8$

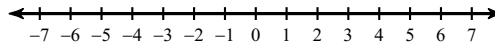


Draw a graph for each inequality.

9)  $n < -5$

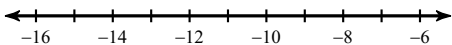


10)  $r \geq -5$

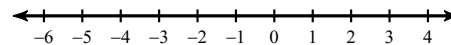


Solve each inequality and graph its solution.

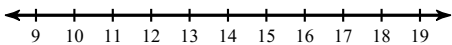
11)  $4 \leq p + 13$



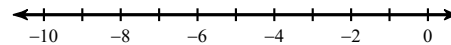
12)  $-4x \geq 8$



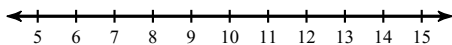
13)  $8n - 6 > 114$



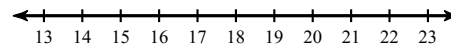
14)  $20 \leq -5(4 + b)$



15)  $5 + \frac{a}{8} < 6$



16)  $\frac{2 + m}{2} \leq 11$



Solve each equation.

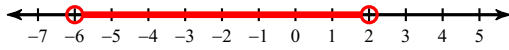
17)  $6(m - 7) = -2m - 10$

18)  $8x + 34 = 6 + 4(3x + 2)$

## Sec 2.6B

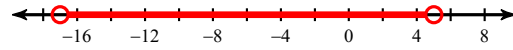
Solve each inequality and graph its solution.

1)  $|x + 2| < 4$



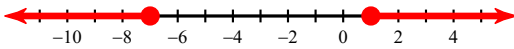
$-6 < x < 2$

2)  $|6 + k| < 11$



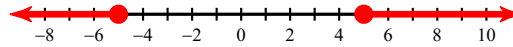
$-17 < k < 5$

3)  $|x + 3| \geq 4$



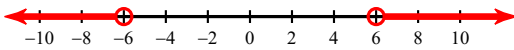
$x \geq 1 \text{ or } x \leq -7$

4)  $\left|\frac{p}{5}\right| \geq 1$



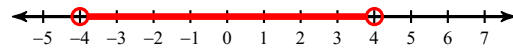
$p \geq 5 \text{ or } p \leq -5$

5)  $|2n| > 12$



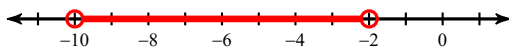
$n > 6 \text{ or } n < -6$

6)  $|6r| < 24$



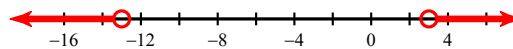
$-4 < r < 4$

7)  $|6 + m| < 4$



$-10 < m < -2$

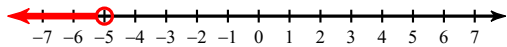
8)  $|p + 5| > 8$



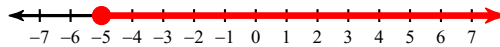
$p > 3 \text{ or } p < -13$

Draw a graph for each inequality.

9)  $n < -5$

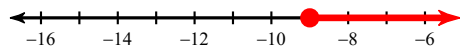


10)  $r \geq -5$



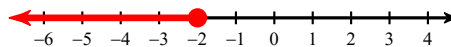
Solve each inequality and graph its solution.

11)  $4 \leq p + 13$



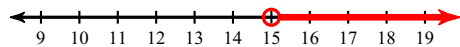
$p \geq -9$

12)  $-4x \geq 8$



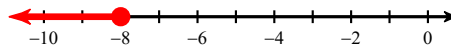
$x \leq -2$

13)  $8n - 6 > 114$



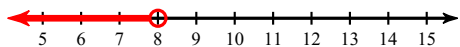
$n > 15$

14)  $20 \leq -5(4 + b)$



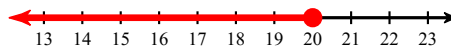
$b \leq -8$

15)  $5 + \frac{a}{8} < 6$



$a < 8$

16)  $\frac{2 + m}{2} \leq 11$



$m \leq 20$

Solve each equation.

17)  $6(m - 7) = -2m - 10$

$\{4\}$

18)  $8x + 34 = 6 + 4(3x + 2)$

$\{5\}$