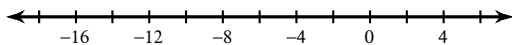


## Absolute Value Inequalities Revisited

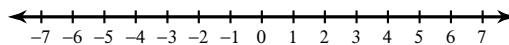
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**Solve each inequality and graph its solution.**

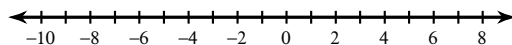
1)  $|6 + x| < 9$



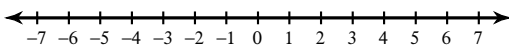
2)  $|n| > 2$



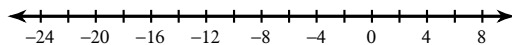
3)  $-9|m| \leq -45$



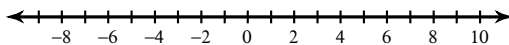
4)  $10 + 4|x| < 26$



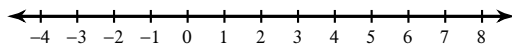
5)  $|x + 8| \geq 11$



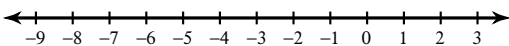
6)  $|-2n| + 10 < 26$



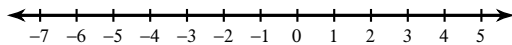
7)  $10|-8b| - 9 \leq 71$



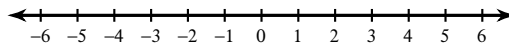
8)  $-10 - 8|9 + 9v| > -82$



9)  $-7|6x + 9| \leq -21$



10)  $|8n + 9| \geq 7$

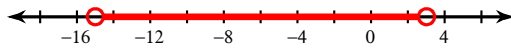


## Absolute Value Inequalities Revisited

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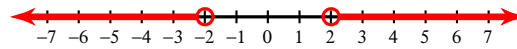
Solve each inequality and graph its solution.

1)  $|6 + x| < 9$



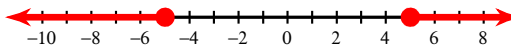
$-15 < x < 3$

2)  $|n| > 2$



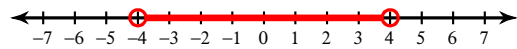
$n > 2 \text{ or } n < -2$

3)  $-9|m| \leq -45$



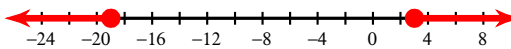
$m \geq 5 \text{ or } m \leq -5$

4)  $10 + 4|x| < 26$



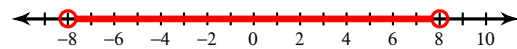
$-4 < x < 4$

5)  $|x + 8| \geq 11$



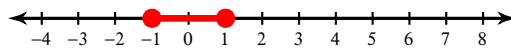
$x \geq 3 \text{ or } x \leq -19$

6)  $|-2n| + 10 < 26$



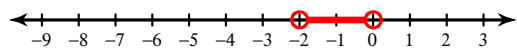
$-8 < n < 8$

7)  $10|-8b| - 9 \leq 71$



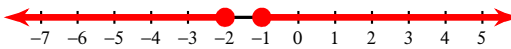
$-1 \leq b \leq 1$

8)  $-10 - 8|9 + 9v| > -82$



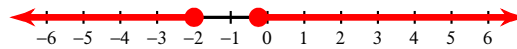
$-2 < v < 0$

9)  $-7|6x + 9| \leq -21$



$x \geq -1 \text{ or } x \leq -2$

10)  $|8n + 9| \geq 7$



$n \geq -\frac{1}{4} \text{ or } n \leq -2$