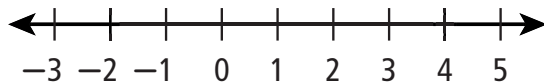


2-8 Solving Absolute-Value Equations and Inequalities

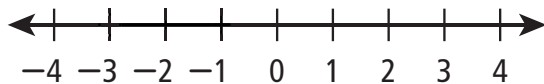
Lesson Quiz

Solve. Then graph the solution.

1. $y - 4 \leq -6$ or $2y > 8$



2. $-7x < 21$ or $x + 7 \leq 6$



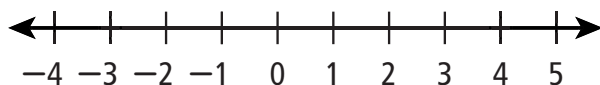
Solve each equation.

3. $|2v + 5| = 9$

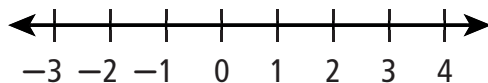
4. $|5b| - 7 = 13$

Solve. Then graph the solution.

5. $|1 - 2x| > 7$



6. $|3k| + 11 > 8$



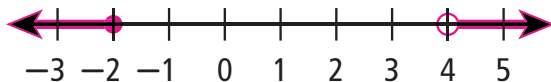
7. $-2|u + 7| \geq 16$

2-8 Solving Absolute-Value Equations and Inequalities

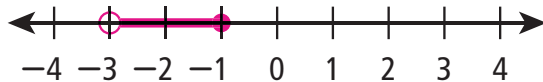
Lesson Quiz

Solve. Then graph the solution.

1. $y - 4 \leq -6$ or $2y > 8$ $\{y \mid y \leq -2 \text{ or } y > 4\}$



2. $-7x < 21$ or $x + 7 \leq 6$ $\{x \mid -3 < x \leq -1\}$



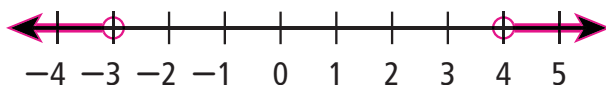
Solve each equation.

3. $|2v + 5| = 9$ $2 \text{ or } -7$

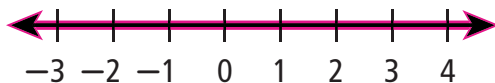
4. $|5b| - 7 = 13$ ± 4

Solve. Then graph the solution.

5. $|1 - 2x| > 7$ $\{x \mid x < -3 \text{ or } x > 4\}$



6. $|3k| + 11 > 8$ \mathbb{R}



7. $-2|u + 7| \geq 16$ \emptyset