

**LESSON**

**Practice B**

**3-1 Graphing and Writing Inequalities**

Describe the solutions of each inequality in words.

1.  $2m \geq 6$  \_\_\_\_\_

2.  $t + 3 < 8$  \_\_\_\_\_

3.  $1 < x - 5$  \_\_\_\_\_

4.  $-10 \geq \frac{1}{2}c$  \_\_\_\_\_

Graph each inequality.

5.  $x > -7$



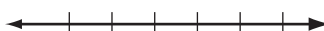
6.  $p \geq 2^3$



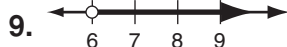
7.  $4.5 \geq r$



8.  $y < -\sqrt{14 - 5}$



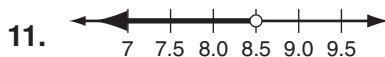
Write the inequality shown by each graph.



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Define a variable and write an inequality for each situation. Graph the solutions.

13. Josephine sleeps more than 7 hours each night.



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14. In 1955, the minimum wage in the U.S. was \$0.75 per hour.



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