

Name _____ Date _____ Period _____

Lesson 8-6 • Apply Day

Reinforce Understanding

8.6 • Part II

I can solve an inequality and graph its solution set on a number line.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Solve and graph the new inequality $x > 5$.

Complete each step, then write the final answer.

1. The boundary value is ____.
2. Use the symbol ____.
3. Write the inequality: ____.

Answer: _____

2. Solve and graph the new inequality $x \leq 6$.

Complete each step, then write the final answer.

1. The boundary value is ____.
2. Use the symbol ____.
3. Write the inequality: ____.

Answer: _____

3. Solve and graph the new inequality $x > 7$.

Complete each step, then write the final answer.

1. The boundary value is ____.
2. Use the symbol ____.
3. Write the inequality: ____.

Answer: _____