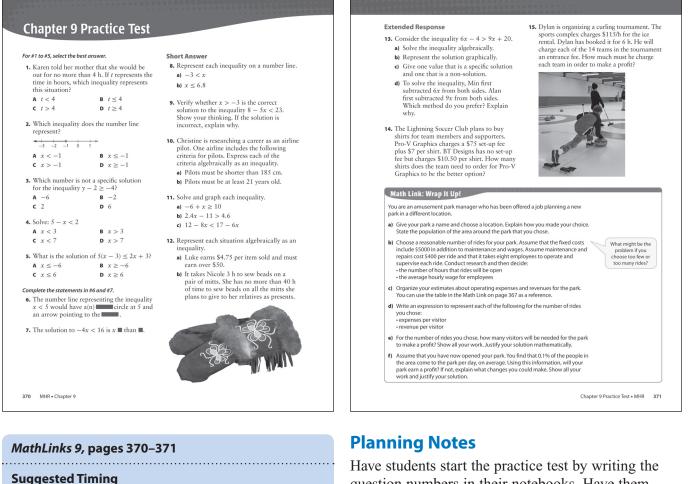
Practice Test

g



40–50 minutes

Blackline Masters

BLM 9–12 Chapter 9 Test

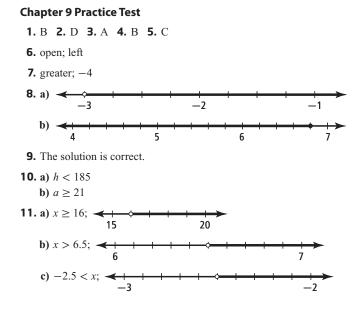
Have students start the practice test by writing the question numbers in their notebooks. Have them indicate which questions they need a little help with, a lot of help with, or no help with. Have students first complete the questions they know they can do. Then, have them complete the questions they know something about. Finally, have students do their best on the questions that they are still struggling with.

This practice test can be assigned as an in-class or take-home assignment. Provide students with the number of questions they can comfortably do in one class. These are the minimum questions that will meet the related curriculum outcomes: #1–7, 10, 12, and 13.

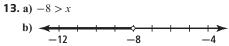
Study Guide

Question(s)	Section(s)	Refer to	The student can
#1, 2, 6, 10	9.1	Examples 1, 2	\checkmark represent single variable linear inequalities verbally, algebraically, and graphically
#3,7	9.1	Examples 1, 2	\checkmark determine if a given number is a possible solution of a linear inequality
#4, 9	9.2	Example 2	\checkmark solve single-step linear inequalities and verify solutions
#5, 11	9.3	Example 1	\checkmark solve multi-step linear inequalities and verify their solutions
#8	9.1	Examples 1, 2, 3	\checkmark represent single variable linear inequalities verbally, algebraically, and graphically
#12	9.2	Example 3	✓ solve problems involving single-step linear inequalities
#13	9.1 9.3	Examples 1, 2 Example 1	 ✓ represent single variable linear inequalities verbally, algebraically, and graphically ✓ compare the processes for solving linear equations and linear inequalities
#14, 15	9.3	Example 2	✓ solve problems involving multi-step linear inequalities

Answers



12. a) 4.75x > 50b) $3p \le 40$



c) Example: A specific solution is -13 and a non-solution is 3.

d) Example: Min's method does not involve dividing both sides of the inequality by a negative number. Therefore, the direction of the inequality will not be reversed.

- **14.** Pro-V Graphics will be a better option when more than 21 shirts are ordered.
- **15.** Dylan must charge each team an entrance fee of at least \$49.29 in order to make a profit.

Assessment	Supporting Learning			
Assessment <i>as</i> Learning				
Chapter 9 Self-Assessment Have students review their earlier responses in the What I Need to Work On section of their Foldable.	• Have students use their responses on the practice test and work they completed earlier in the chapter to identify areas in which they may need to reinforce their understanding of skills or concepts. Before the chapter test, coach them in the areas in which they are having difficulties.			
Assessment for Learning				
Chapter 9 Test After students complete the practice test, you may wish to use BLM 9–12 Chapter 9 Test as a summative assessment.	 Consider allowing students to use their Foldable. Since the Math Link: Wrap It Up! and Challenges provide additional reinforcement of chapter content, you may wish to have students complete these activities before doing the Chapter 9 Practice Test and BLM 9–12 Chapter 9 Test. Consider using the Challenge and Game on pages 372–373 to assess the knowledge and skills of students who have difficulty with tests. 			