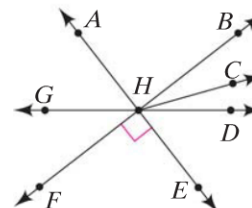


Skills

- **Lessons 8-1 and 8-2** Use the diagram at the right for Exercises 1–8.

Name each of the following.

1. three collinear points 2. six rays 3. two perpendicular lines



Use a protractor to measure each angle. Classify each angle as *acute*, *right*, *obtuse*, or *straight*.

4. $\angle BHF$ 5. $\angle FHC$ 6. $\angle FHA$ 7. $\angle CHD$ 8. $\angle AHC$

- **Lesson 8-3** Find the complement and the supplement of each angle measure.

9. 28° 10. 13.5° 11. 56.3° 12. 79° 13. 85°

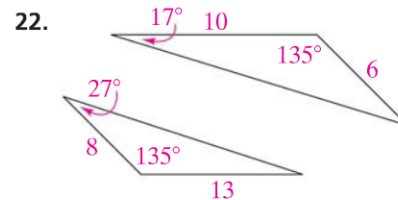
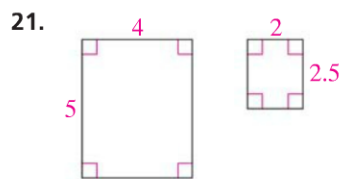
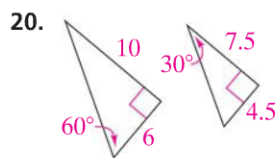
- **Lesson 8-4** Classify each triangle with the given side lengths by its sides.

14. 7 inches, 9 inches, 7 inches 15. 3 feet, 3 feet, 3 feet 16. 18 yards, 16 yards, 5 yards

- **Lesson 8-5** Classify each statement as *true* or *false*.

17. All octagons have eight sides. 18. All rhombuses are squares. 19. All squares are rectangles.

- **Lesson 8-6** Each pair of figures appears to be *similar*. Use proportions to determine whether each pair is similar.



- **Lesson 8-7** Trace the figure at the right.

23. Draw all lines of symmetry in the figure.



- **Lesson 8-8** Copy the figure at the right on graph paper.

24. Draw its reflection over the given line of reflection.

