

In Exercises 10–12, give each answer to the nearest tenth of a unit.

- **10.** A ladder 7 m long stands on level ground and makes a 73° angle with the ground as it rests against a wall. How far from the wall is the base of the ladder?
- 11. To see the top of a building 1000 feet away, you look up 24° from the horizontal. What is the height of the building?
- **12.** A guy wire is anchored 12 feet from the base of a pole. The wire makes a 58° angle with the ground. How long is the wire?

Lesson 12.2 • Problem Solving with Right Triangles