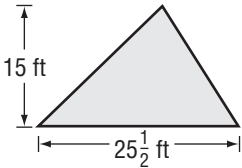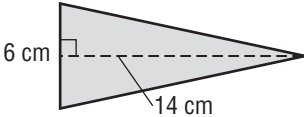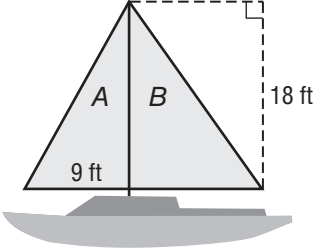# Lesson 2 Problem-Solving Practice

## *Area of Triangles*

1. **CARPETING** Courtney wants to carpet part of her bedroom that is shaped like a right triangle with base 4.8 meters and height 5.2 meters. How much carpet will she need?

2. **LAWN** Mrs. Giuntini's lawn is triangle-shaped with a base of 25 feet and a height of 10 feet. What is the area of Mrs. Giuntini's lawn? Explain how you found your answer.

3. **BUILDING** Norma has an A-frame cabin. The back is shown below. How many square feet of paint will she need to cover the back of the cabin?



4. **SNACKS** The dough that will be used to make a crescent roll is shown below. What is the area of the dough? Explain how you found your answer.



5. **SAILING** Ahmad just bought a used sailboat with two sails that need replacing. How much sail fabric will Ahmad need if he replaces sail A?



6. **SAILING** Use the picture from Exercise 5. The previous owner recalled that the area of sail B was 108 square feet. What is the length of the base of sail B?