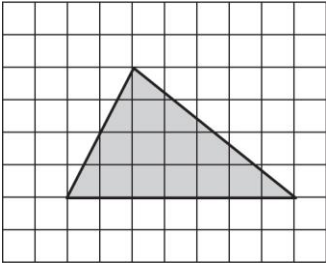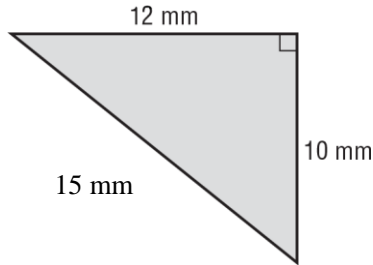# Area of Triangles Homework Practice

Find the area of each triangle.
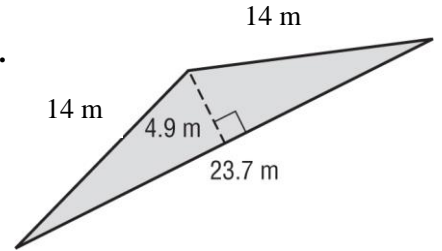
1.

2.
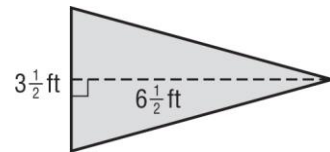

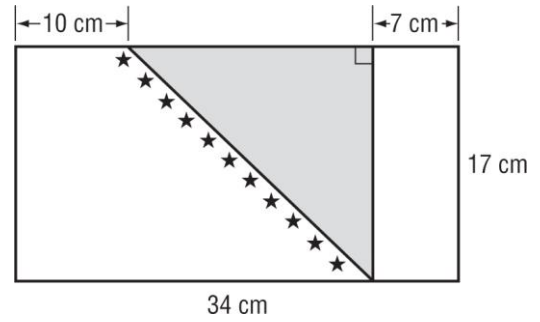12 mm

10 mm

15 mm

3.

14 m

14 m

4.9 m

23.7 m

4. Find the base of a triangle with a height of 15 feet and an area of 285 square feet.

5. PENNANT Tameeka is in charge of designing a school pennant for spirit week. She wants the base to be $3\frac{1}{2}$ feet and the height to be $6\frac{1}{2}$ feet. She has 20 square feet of paper available. Does she have enough paper? Explain.

$3\frac{1}{2}$ ft $6\frac{1}{2}$ ft

6. **FLAGS** What is the area of the triangle on the flag of Bosnia and Herzegovina?

7. **MURALS** Aubrey is painting a mural of an ocean scene. The triangular sail on a sailboat has a base of 4 feet and a height of 6 feet. Aubrey will paint the sail using a special white paint. A can of this paint covers 10 square feet. How many cans of white paint will Aubrey need?

8. 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?