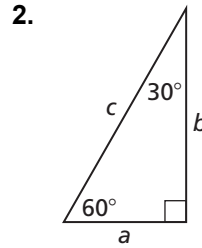
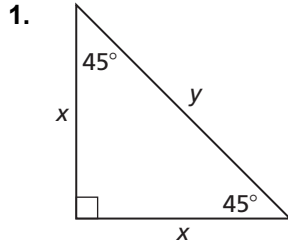


9.2

Practice B

In Exercises 1 and 2, copy and complete the table. Write your answers in simplest form.



x	5		$\sqrt{2}$	
y		$4\sqrt{2}$		24

a	11			
b		9		$5\sqrt{3}$
c			16	

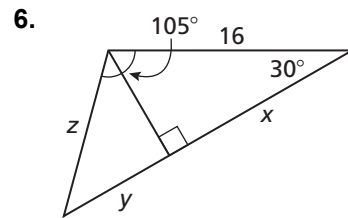
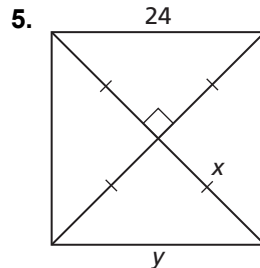
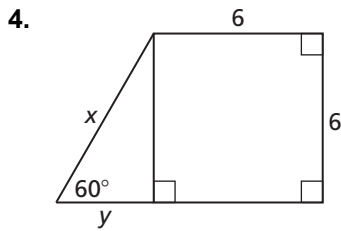
3. The side lengths of a triangle are given. Determine whether each triangle is a 45° - 45° - 90° triangle, a 30° - 60° - 90° triangle, or neither.

a. 5, 10, $5\sqrt{3}$

b. 7, 7, $7\sqrt{3}$

c. 6, 6, $6\sqrt{2}$

In Exercises 4–6, find the values of the variables. Write your answers in simplest form.



7. You build a two-person tent, as shown. How many square feet of material is needed to make the tent, assuming the tent has a floor?

