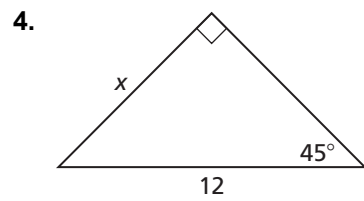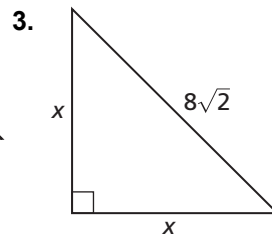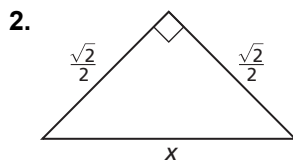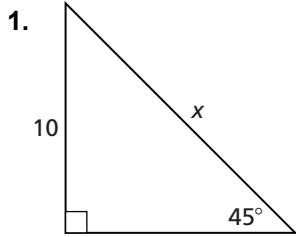**9.2** Notetaking with Vocabulary (continued)

Extra Practice

In Exercises 1–4, find the value of *x*. Write your answer in simplest form.

1.

10

x

45°

2.

$\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$

x

3.

x $8\sqrt{2}$

x

4.

x

45°

12

In Exercises 5–7, find the values of *x* and *y*. Write your answers in simplest form.

5.

y

15

30°

x

6.

22

60°

x

y

7.

30°

9

y

x