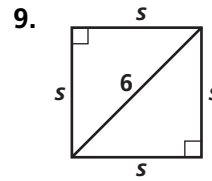
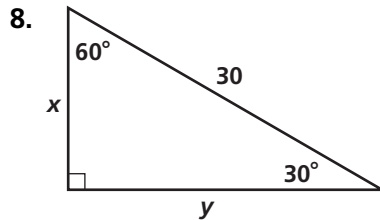
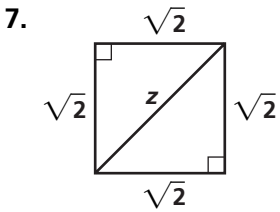
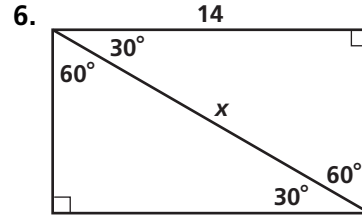
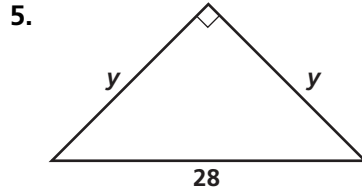
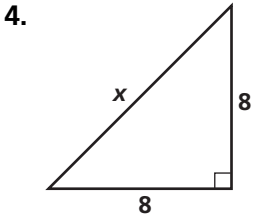
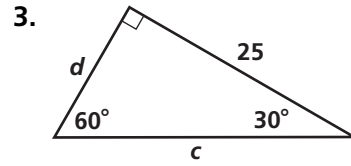
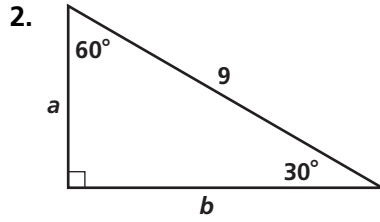
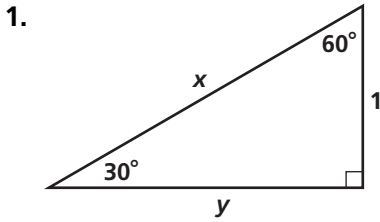


# Practice 7-3

## Special Right Triangles

Find the value of each variable. Leave your answers in simplest radical form.



10. Find the length to the nearest centimeter of the diagonal of a square 30 cm on a side.
11. The hypotenuse of an isosceles right triangle is 8.4 in. Find the length of a side to the nearest tenth of an inch.
12. In a  $30^\circ$ - $60^\circ$ - $90^\circ$  triangle, the shorter leg is 6 ft long. Find the length to the nearest tenth of a foot of the other two sides.
13. Each side of a rhombus is 14 in. long. Two of the sides form a  $60^\circ$  angle. Find the area of the rhombus. Round your answer to the nearest square inch.

**Algebra** Find the value of each variable. Leave your answers in simplest radical form.

