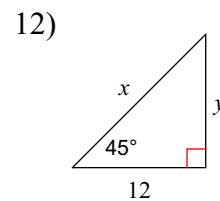
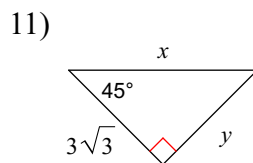
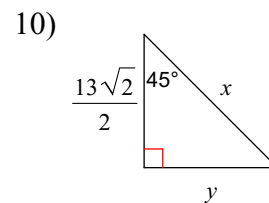
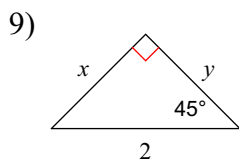
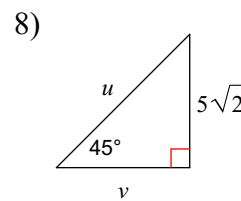
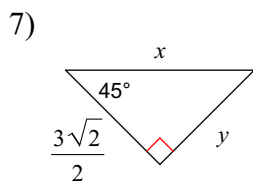
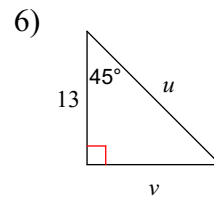
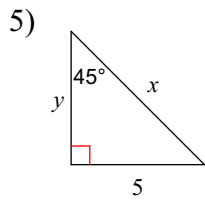
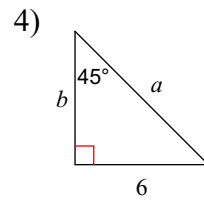
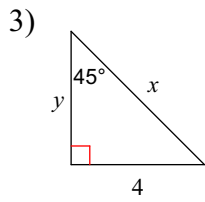
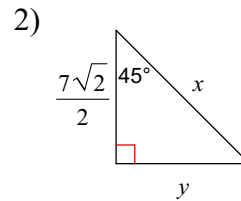
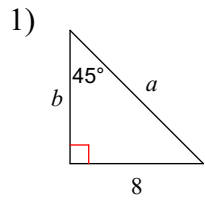


Special Right Triangles (45-45-90)

Find the missing side lengths. Leave your answers as radicals in simplest form.



Answers to Special Right Triangles (45-45-90) (ID: 1)

1) $a = 8\sqrt{2}$, $b = 8$

2) $x = 7$, $y = \frac{7\sqrt{2}}{2}$

3) $x = 4\sqrt{2}$, $y = 4$

4) $a = 6\sqrt{2}$, $b = 6$

5) $x = 5\sqrt{2}$, $y = 5$

6) $u = 13\sqrt{2}$, $v = 13$

7) $x = 3$, $y = \frac{3\sqrt{2}}{2}$

8) $u = 10$, $v = 5\sqrt{2}$

9) $x = \sqrt{2}$, $y = \sqrt{2}$

10) $x = 13$, $y = \frac{13\sqrt{2}}{2}$

11) $x = 3\sqrt{6}$, $y = 3\sqrt{3}$

12) $x = 12\sqrt{2}$, $y = 12$