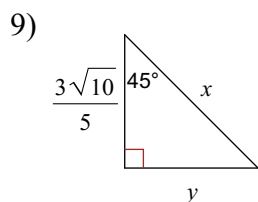
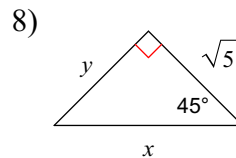
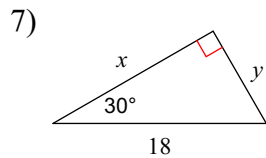
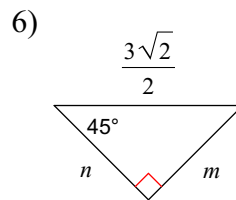
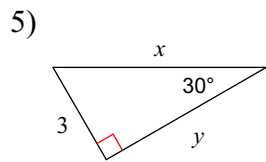
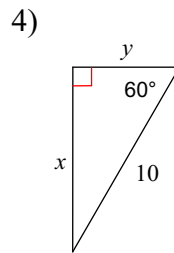
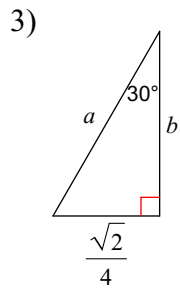
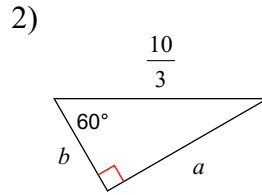
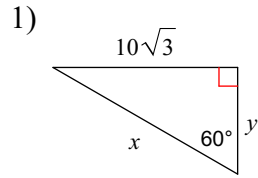


Special Right Triangles Day 1

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



Answers to Special Right Triangles Day 1

1) $x = 20, y = 10$

2) $a = \frac{5\sqrt{3}}{3}, b = \frac{5}{3}$

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

4) $x = 5\sqrt{3}, y = 5$

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

6) $m = \frac{3}{2}, n = \frac{3}{2}$

7) $x = 9\sqrt{3}, y = 9$

8) $x = \sqrt{10}, y = \sqrt{5}$

9) $x = \frac{6\sqrt{5}}{5}, y = \frac{3\sqrt{10}}{5}$