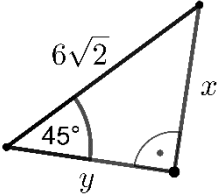
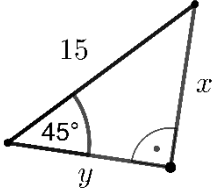
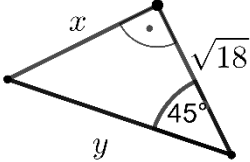
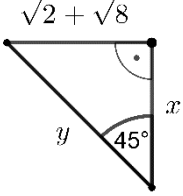
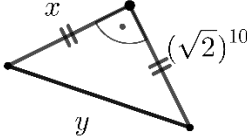
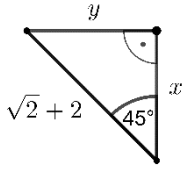
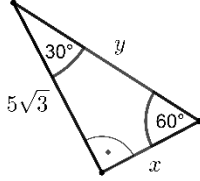
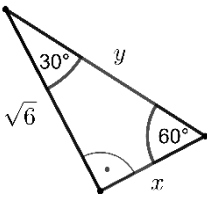
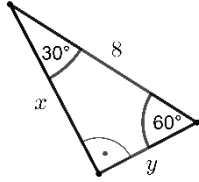
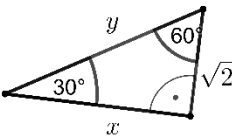
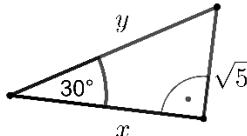
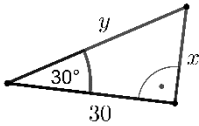
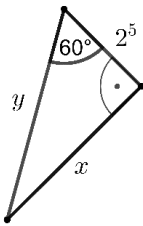
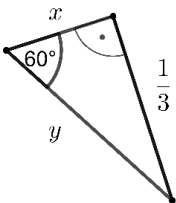
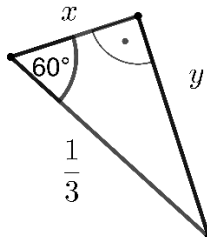
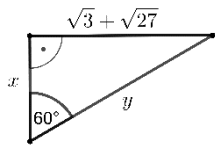


Special right triangles

Calculate x and y in mind.

1	2	3	4
 <p>$x = 6$ $y = 6$</p>	 <p>$x = \frac{15\sqrt{2}}{2}$ $y = \frac{15\sqrt{2}}{2}$</p>	 <p>$x = 3\sqrt{2}$ $y = 6$</p>	 <p>$x = 3\sqrt{2}$ $y = 6$</p>
5	6	7	8
 <p>$x = 32$ $y = 32\sqrt{2}$</p>	 <p>$x = 1 + \sqrt{2}$ $y = 1 + \sqrt{2}$</p>	 <p>$x = 5$ $y = 10$</p>	 <p>$x = \sqrt{2}$ $y = 2\sqrt{2}$</p>
9	10	11	12
 <p>$x = 4$ $y = 4\sqrt{3}$</p>	 <p>$x = \sqrt{6}$ $y = 2\sqrt{2}$</p>	 <p>$x = \sqrt{15}$ $y = 2\sqrt{5}$</p>	 <p>$x = 10\sqrt{3}$ $y = 10\sqrt{3}$</p>
13	14	15	16
 <p>$x = 32\sqrt{3}$ $y = 64$</p>	 <p>$x = \frac{\sqrt{3}}{9}$ $y = \frac{2\sqrt{3}}{9}$</p>	 <p>$x = \frac{1}{6}$ $y = \frac{\sqrt{3}}{6}$</p>	 <p>$x = 4$ $y = 8$</p>