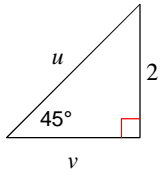


Special Right Triangles

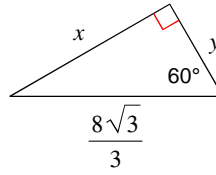
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Find the missing side lengths. Leave your answers as radicals in simplest form.

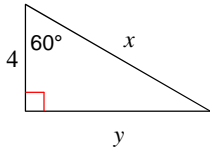
1)



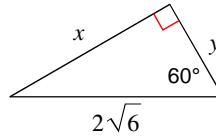
2)



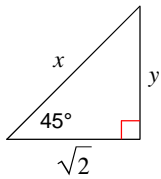
3)



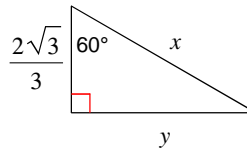
4)



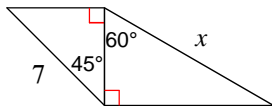
5)



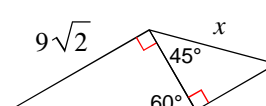
6)



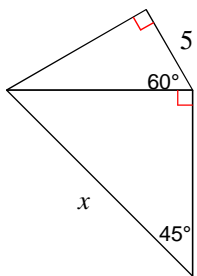
7)



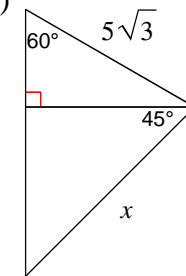
8)



9)



10)



Answers to Special Right Triangles (ID: 1)

1) $u = 2\sqrt{2}$, $v = 2$

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

3) $x = 8$, $y = 4\sqrt{3}$

4) $x = 3\sqrt{2}$, $y = \sqrt{6}$

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

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

7) $7\sqrt{2}$

8) $6\sqrt{3}$

9) $10\sqrt{2}$

10) $\frac{15\sqrt{2}}{2}$