Math 2 Name_____ ID: 1

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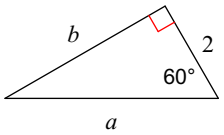
Special Right Triangles

Date_____ Period____

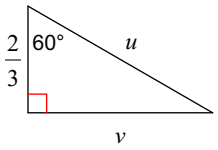
Find the missing side lengths. Leave your answers as radicals in simplest form.

1)



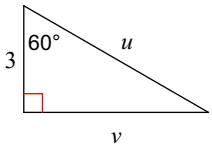
$a = 4,\ b = 2\sqrt{3}$

2)



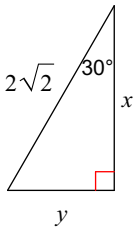
$u = \frac{4}{3},\ v = \frac{2\sqrt{3}}{3}$

3)



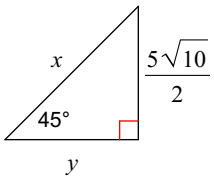
$u = 6,\ v = 3\sqrt{3}$

4)



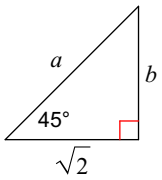
$x = \sqrt{6},\ y = \sqrt{2}$

5)



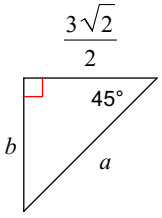
$x = 5\sqrt{5},\ y = \frac{5\sqrt{10}}{2}$

6)



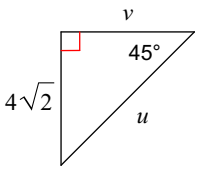
$a = 2,\ b = \sqrt{2}$

7)



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

8)



$u = 8,\ v = 4\sqrt{2}$

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