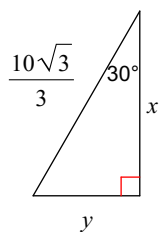


## Special Right Triangles 30-60-90

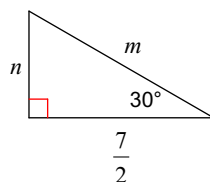
Date: \_\_\_\_\_ Hour: \_\_\_\_\_

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

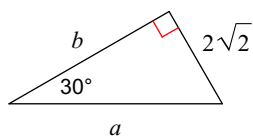
1)



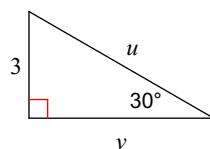
2)



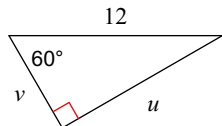
3)



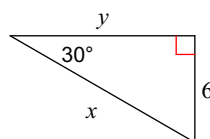
4)



5)



6)

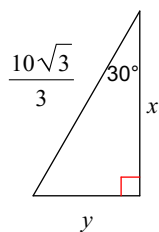


## Special Right Triangles 30-60-90

Date: \_\_\_\_\_ Hour: \_\_\_\_\_

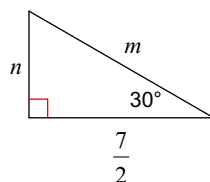
**Find the missing side lengths. Leave your answers as radicals in simplest form.**

1)



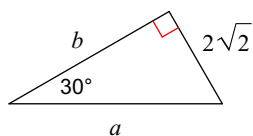
$$x = 5, y = \frac{5\sqrt{3}}{3}$$

2)



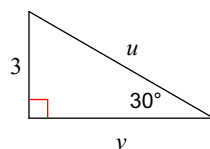
$$m = \frac{7\sqrt{3}}{3}, n = \frac{7\sqrt{3}}{6}$$

3)



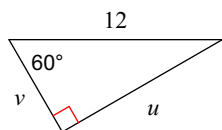
$$a = 4\sqrt{2}, b = 2\sqrt{6}$$

4)



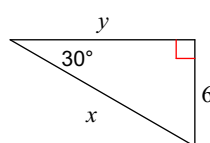
$$u = 6, v = 3\sqrt{3}$$

5)



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

6)



$$x = 12, y = 6\sqrt{3}$$