## **VOLUME OF A TRIANGULAR PRISM #1**

**Directions**: Find the volume of each *right triangular prism* below. First find the area of the triangular base (1/2 x base x height). Then multiply this area times the height of the prism. For example in #1, the base is 5 and the height of the triangle is 6, so  $\frac{1}{2}$  x 5 x 6 = 15. Then multiply this area times the height of the prism, which is 2 inches.

1)

6 in 2 in 2)

5 in 2 in 4 in

3)

9 in 3 in 3 in

Volume = \_\_\_\_\_

5 in

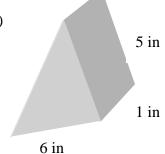
Volume = \_\_\_\_\_

Volume = \_\_\_\_\_

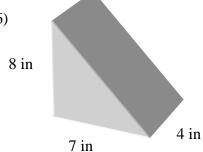
4)

8 in 2 in 4 in

5)



6)



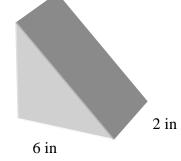
Volume = \_\_\_\_\_

Volume = \_\_\_\_\_

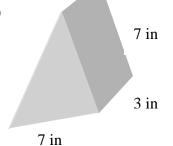
Volume = \_\_\_\_\_

7)

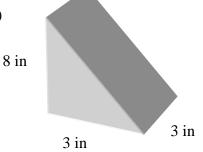
6 in



8)



9)



Volume = \_\_\_\_\_

Volume = \_\_\_\_\_

Volume = \_\_\_\_\_