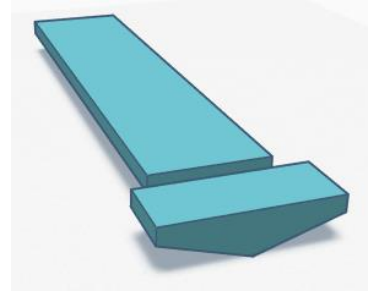
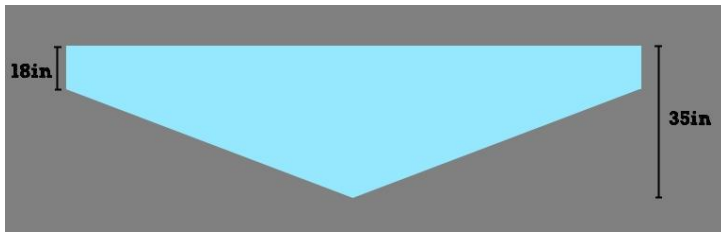




Name: \_\_\_\_\_

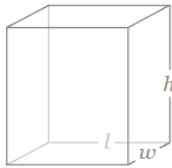
### Part II. Find the Volume of the Reflecting Pool!

**Read:** The Reflecting Pool is not flat on the bottom. The bottom of the pool slopes from 18 inches to 35 inches in the center (as seen in the pictures below).



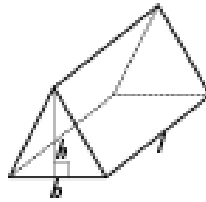
1. What kinds of 3D shapes do you see in the 3D picture of the reflecting pool above?

\_\_\_\_\_



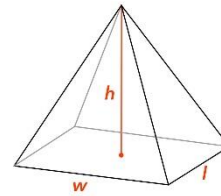
**Rectangular Prism**

$$V = l \times w \times h$$



**Triangular Prism**

$$V = \frac{b \times h \times l}{2}$$



**Pyramid**

$$V = \frac{l \times w \times h}{3}$$

1. Using only the equations for formula for the shapes above, how could you find the volume of the Reflecting Pool?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Try to find the approximate volume of the reflecting pool below! Be sure to show your work!