

## Intro to Geometry

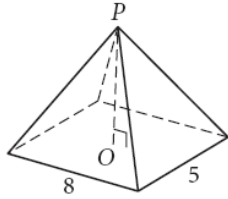
### Unit Three: Mixed Volume Practice (HW11)

Names: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

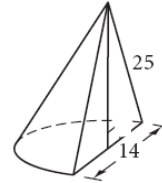
Find the volume of the solids below. **Please leave all your answers in exact, simplified form.** Leave  $\pi$  in your answers.

1. Rectangular pyramid;  $OP = 6$



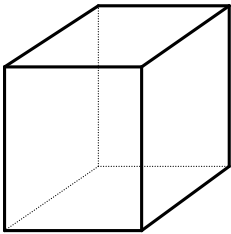
Volume = \_\_\_\_\_

3. Half of a right cone



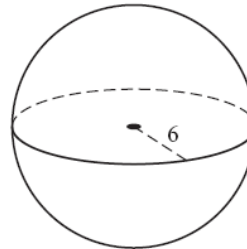
Volume = \_\_\_\_\_

2. Find the volume of a cube if the area of one side is  $36 \text{ cm}^2$ .



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

4. Find the volume of the sphere.



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