

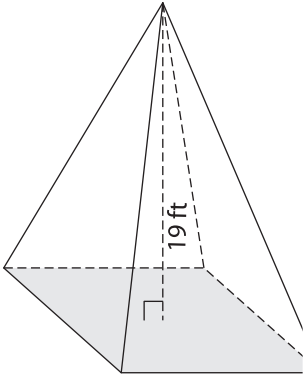
Name : \_\_\_\_\_

Integers: S2

## Volume - Rectangular Pyramid

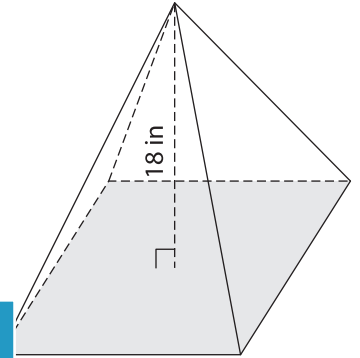
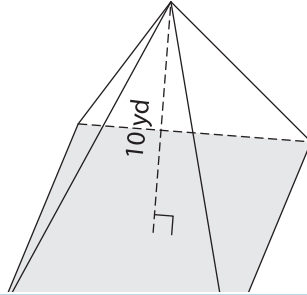
Find the volume of each rectangular pyramid. Round your answer to two decimal places.

1) Base area =  $165 \text{ ft}^2$



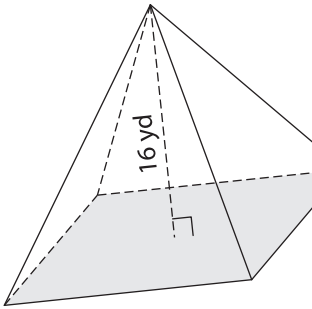
Volume = \_\_\_\_\_

2) Base area =  $41 \text{ yd}^2$



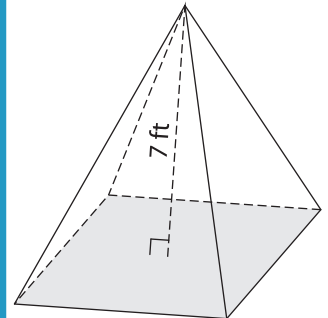
Volume = \_\_\_\_\_

4) Base area =  $24 \text{ yd}^2$



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

Base area =  $37 \text{ ft}^2$



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

7) The height of a rectangular pyramid is 12 feet. The base area is 108 square feet. Round your answer to two decimal places.

Given the base area and height, what is its volume?

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8) The base area of a rectangular pyramid is 138 square inches. Determine the volume if its height is 4 inches.