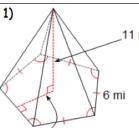
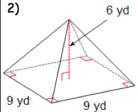
# 10.4 Practice Solutions

Directions: Find the volume of each figure. Round to the nearest tenth if necessary



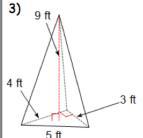
4.1 mi

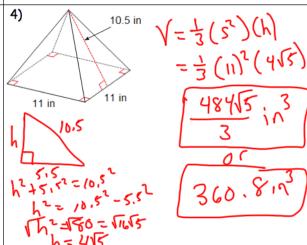


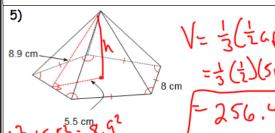
$$V = \frac{1}{3}(s^{2})h$$

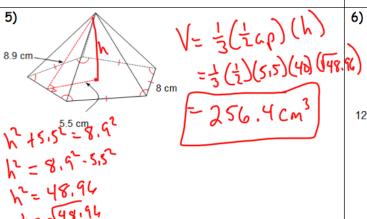
$$= \frac{1}{3}(q^{3})(6)$$

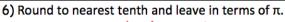
$$= 1627d^{3}$$

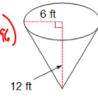


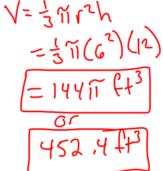


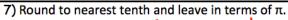


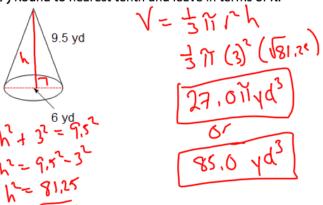




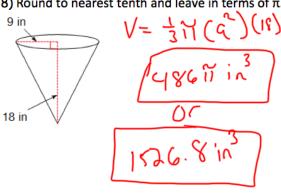








#### 8) Round to nearest tenth and leave in terms of $\pi$ .



# Directions: Find the missing length.

### 9) The volume of a cone is $21\pi$ and has a height of 7. What is the radius of the cone?

## 10) The volume of a square pyramid is 2048 and has a height of 24. What is the length of one side of the base?