

$$\text{Area of base} = l^2$$

$$A = 706^2$$

$$A = 498436 \text{ ft}^2$$

$$\text{Volume of pyramid} = \frac{1}{3}Ah$$

$$V = \frac{1}{3}(498436)(470)$$

$$V = 78088306.67 \text{ ft}^3$$

$$\mathbf{V \approx 7.81 \times 10^7 \text{ ft}^3}$$