



Volume of Cones, Pyramids, and Spheres

Calculate the volume of each pyramid using the formula.

$$\text{Volume of a pyramid: } V = \frac{L \times l \times h}{3}$$

$h = 6 \text{ cm}$



$L = 6 \text{ cm}$ $l = 10 \text{ cm}$

$$V \approx \frac{\square \times \square \times \square}{3}$$

$$V \approx \frac{\square}{3}$$

$$V \approx \square \text{ cm}^3$$

$h = 1 \text{ cm}$



$L = 10 \text{ cm}$ $l = 6 \text{ cm}$

$$V \approx \frac{\square \times \square \times \square}{3}$$

$$V \approx \frac{\square}{3}$$

$$V \approx \square \text{ cm}^3$$

$h = 5 \text{ cm}$



$L = 5 \text{ cm}$ $l = 3 \text{ cm}$

$$V \approx \frac{\square \times \square \times \square}{3}$$

$$V \approx \frac{\square}{3}$$

$$V \approx \square \text{ cm}^3$$

$h = 8 \text{ cm}$



$L = 3 \text{ cm}$ $l = 5 \text{ cm}$

$$V \approx \frac{\square \times \square \times \square}{3}$$

$$V \approx \frac{\square}{3}$$

$$V \approx \square \text{ cm}^3$$