VOLUME OF CYLINDERS, CONES, AND SPHERES

Volume of a Cylinder

Formula:	
V =	$\pi r^2 h$
	r
	h

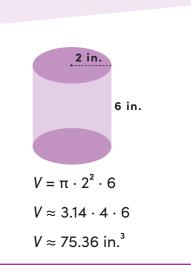
Example:

First, find the radius. r = 2 in.

Next, find the height. h = 6 in.

Then, use the formula to find the volume.

You can use 3.14 as an approximation for π .



Formula: $V = \frac{1}{3}\pi r^{2}h$ Next, h h You capped

Volume of a Cone

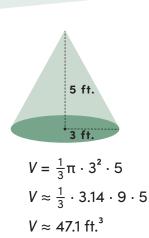
Example:

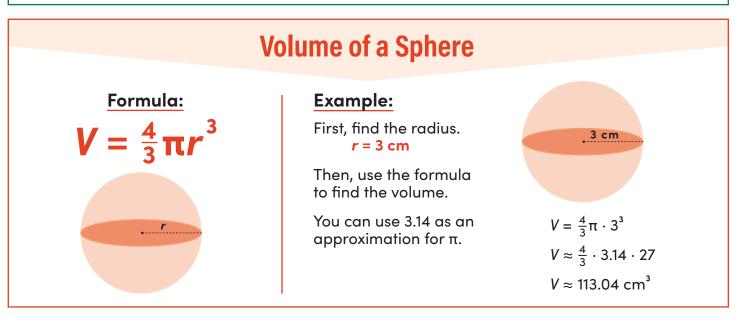
First, find the radius. r = 3 ft.

Next, find the height. h = 5 ft.

Then, use the formula to find the volume.

You can use 3.14 as an approximation for π .





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