

Volume:

Pyramid:
Cone:

$$V = \frac{1}{3} Bh$$

Area of
the Base

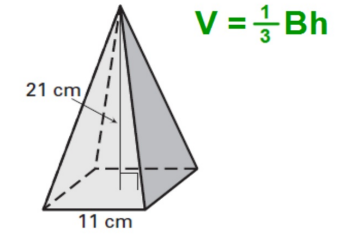
height



Ask yourself... what shape is the base?

EXAMPLE 1 *Finding the Volume of a Pyramid*

Find the volume of the pyramid with the square base shown to the right.



What shape is the base?

How do I find the Area of the Base?

How do I calculate the volume?

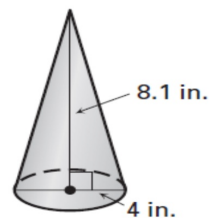
EXAMPLE 2 *Finding the Volume of a Cone*

Find the volume of the cone.

What shape is the base?

How do I find the Area of the Base?

How do I calculate the volume?



$$V = \frac{1}{3} Bh$$

EXAMPLE 3 *Using the Volume of a Cone*

Use the given measurements to solve for x.

What is the formula for the volume of a cone?

What does "B" stand for?

Plug in what you know and solve for the missing part.

