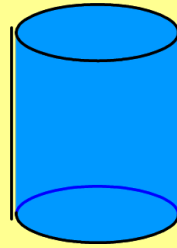


# Volume of Cylinders

Label the height of the cylinder.



What shape is the base of a cylinder?

How do you find the area of the base?

So the formula for volume of a cylinder is....

## Volume of Cylinders

$$v = \pi r^2 h$$

(Find the area of the circle and multiply it by the height)

## Volume of a Cylinder

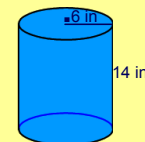
The formula for finding the volume of a cylinder is

$$\text{Volume} = \pi r^2 h$$

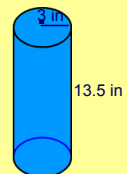
Find the volume of the following cylinders. Remember to express the answer in cubic measurement. Use 3.14 as the value for  $\pi$ .



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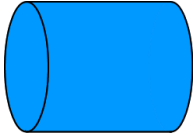
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# Notes - Volume of Cylinders.notebook

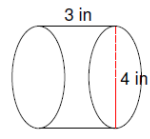
## Cylinders

The radius is 3 inches and the height is 5 inches.

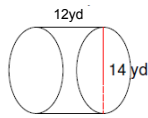
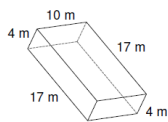
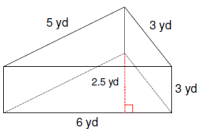
Volume =



Find the volume of the following...



**Exit Ticket:** Find the volume of the following figures.



$$\text{volume} = \pi \times r^2 \times h$$

