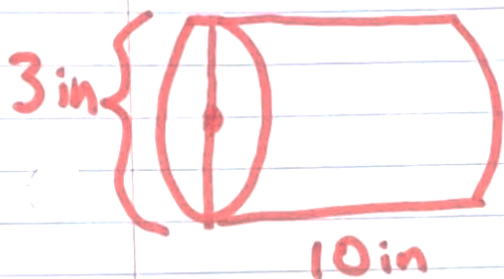


## Lesson 5.2-2 -> Cylinder Volume



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



What is Volume in cubic inches?

$$V = \pi 1.5^2 (10)$$

$$V = \pi \times 1.5 \times 1.5 \times 10$$

$$V = 22.5 \pi$$

This is the answer "in terms of pi"

We can also solve using 3.14 for pi

$$V = 22.5 \times 3.14$$

$$V = 70.65$$