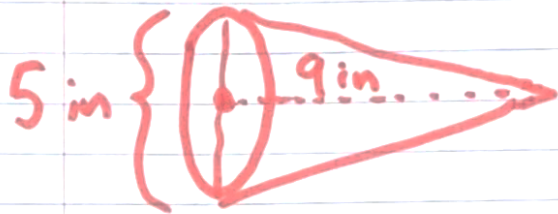


## Lesson 5.2-3 → Cone Volume



$$\text{Volume} = \frac{1}{3} \pi r^2 h$$



what is Volume in cubic inches

$$V = \frac{1}{3} \pi 2.5^2 (9)$$

In Red ← is what you type into Calculator

$$V = \pi 1 \div 3 \times 2.5 \times 2.5 \times 9$$

$$V = 18.75 \pi$$

Now lets solve using 3.14 for pi

$$V = 18.75 \times 3.14$$

$$V = 58.875$$

Round to hundredths →

$$V = 58.88$$