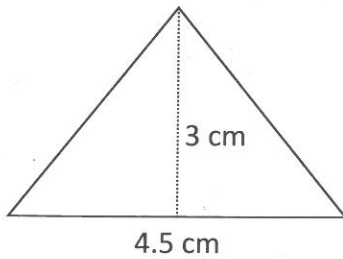


**Example 5**

Determine the area of the triangle shown below.



$$\text{Area of a Triangle} = \frac{1}{2} \text{ base} \times \text{height}$$

OR

$$\text{Area} = \frac{\text{base} \times \text{height}}{2}$$

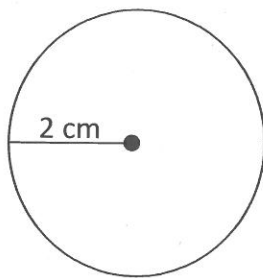
$$\text{Area} = \frac{1}{2} \times 4.5 \text{ cm} \times 3 \text{ cm}$$

$$= \frac{1}{2} \times 13.5 \text{ cm}^2$$

$$\text{Area} = \underline{6.75 \text{ cm}^2}$$

**Example 6**

Determine the area of the circle shown.



$$\text{Area of a Circle} = \pi \times \text{radius} \times \text{radius}$$

$$\text{Area} = \pi r^2$$

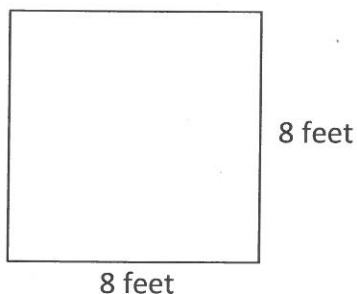
$$\text{Area} = \pi \times (2 \text{ cm})^2$$

$$\text{Area} = \pi \times 4 \text{ cm}^2$$

$$\text{Area} = 12.57 \text{ cm}^2$$

**Example 7**

Determine the area of the square shown below.



$$\text{Area of a square} = \text{side} \times \text{side}$$

$$\text{Area} = s^2$$

$$\text{Area} = (8 \text{ ft})^2$$

$$\text{Area} = 64 \text{ ft}^2$$