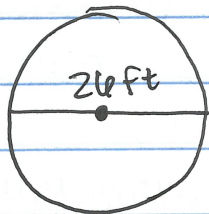


Area of a circle

$$\text{Formula: } A = \pi r^2$$

EX. Find area using 3.14 for π



$$A = \pi r^2$$

$$26 \div 2 = 13 = r$$

$$A = 3.14(13^2)$$

$$A = 530.66 \text{ ft}^2$$

EX. Use 3.14 for π . The area is 78.5 in². Find the radius.

$$A = \pi r^2$$

$$\frac{78.5}{3.14} = \frac{3.14 r^2}{3.14}$$

$$\sqrt{25} = \sqrt{r^2}$$

$$5 = r$$