

Correct. The diameter of the circle is 6 feet. The radius is half of this. Therefore, substitute $r = 3$ into the formula $A = \pi r^2$ to find the area of the circle.

$$A = \pi(3)^2$$

$$A = \pi \cdot 9$$

$$A \approx 3.14 \cdot 9 \approx 28.26 \approx 28$$

The area of the circle is approximately 28 square feet.