

### Question #22700

what is the area of a circular pool 6.5 meters in diameter

**Solution.**

It is known that the area of a circle can be found by the formula

$$S = \pi \frac{d^2}{4}, \text{ where } d \text{ is a diameter of a circle and } \pi \approx 3.14. \text{ Thus}$$

$$S = 3.14 \cdot \frac{(6.5)^2}{4} \approx 33.17 \text{ m}^2.$$

**Answer.** The area of a circular pool equals  $33.17 \text{ m}^2$ .