

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

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

$$S = 3,14 \cdot \frac{(6,5)^2}{4} \approx 33,17 \text{ m}^2.$$

Answer. The area of a circular pool equals $33,17 \text{ m}^2$.