Find the radius of a cylinder when the volume is 8,800 $cm^3$ and the height is 28 cm using $\pi$ as $3\frac{1}{7}$

**Solution:**

$$V = h * S = h * \pi * R^2$$

$$R = \sqrt{\frac{V}{\pi h}}$$

$$R = \sqrt{\frac{8800}{28 * 3\frac{1}{7}}} = \sqrt{100} = 10$$

**Answer:** 10 cm