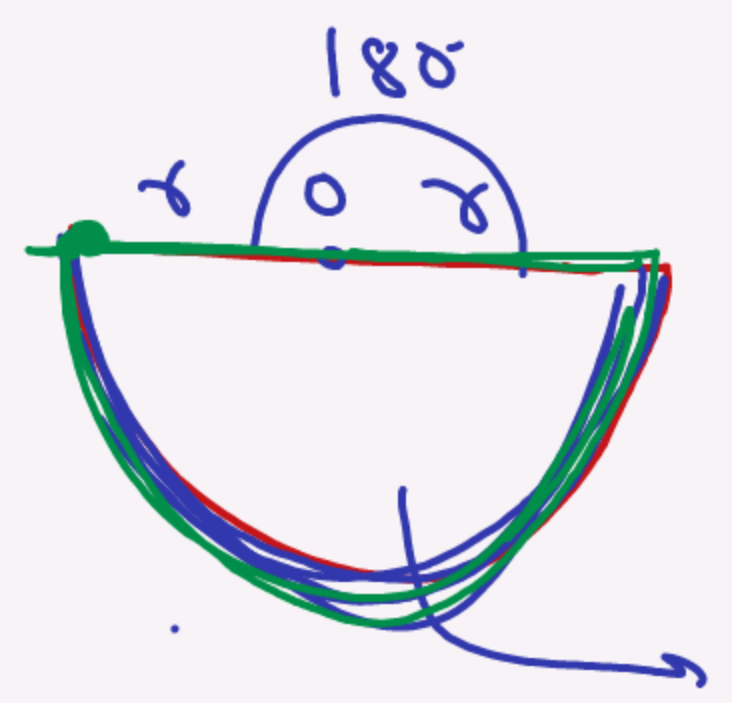


Area
 $\Rightarrow \underline{\underline{\pi r^2}}$

\Downarrow
परिमाप : $\boxed{2\pi r}$



\Rightarrow Area $\Rightarrow \frac{\pi r^2}{2}$

\Downarrow परिमाप $\Rightarrow \pi r + 2r$

$$360^\circ \rightarrow 2\pi r$$

$$1 \rightarrow \frac{2\pi r \times 15^\circ}{360^\circ}$$

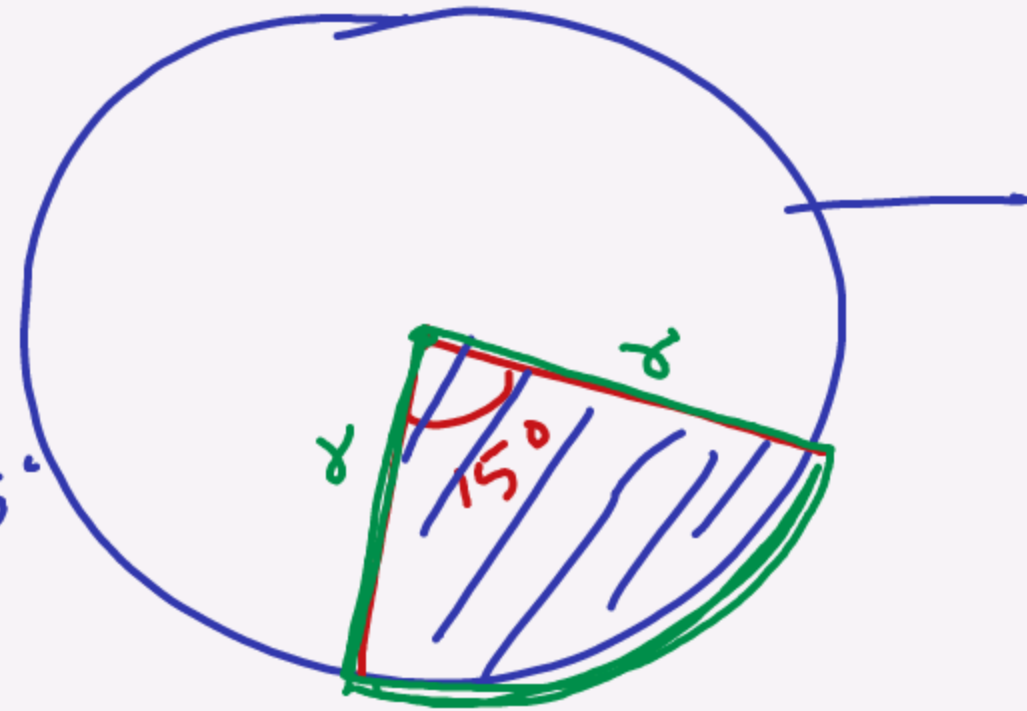
$$\Rightarrow \frac{\pi r}{12}$$

$$360^\circ \rightarrow \pi r^2$$

$$1 \rightarrow \frac{\pi r^2}{360^\circ} \times 15^\circ$$

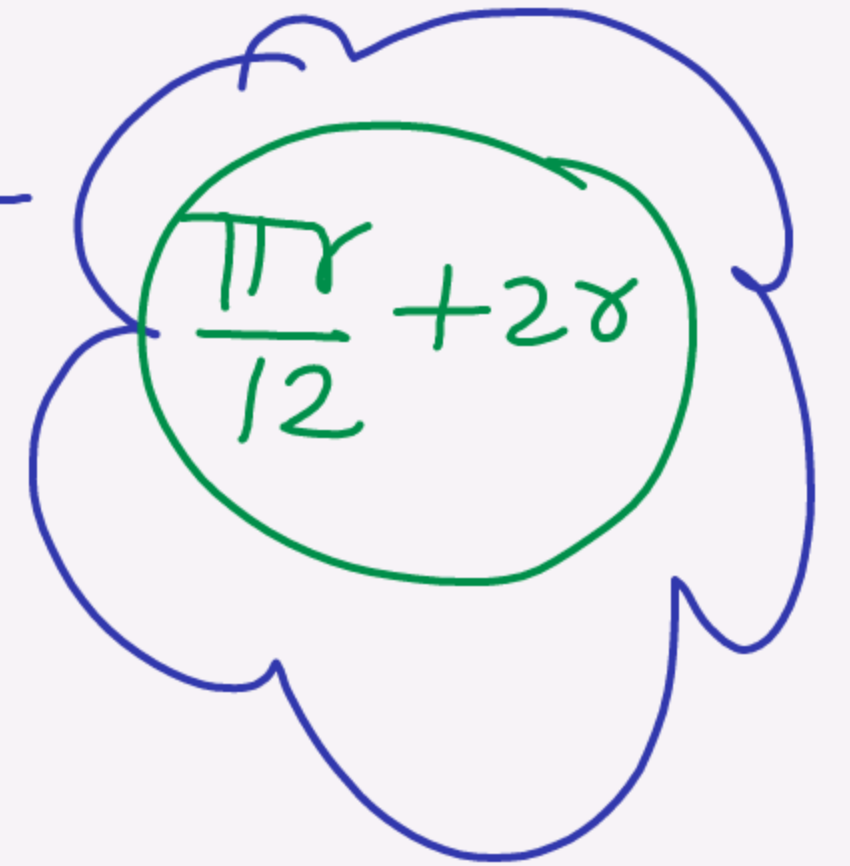
15°

$$\frac{\pi r^2}{24}$$

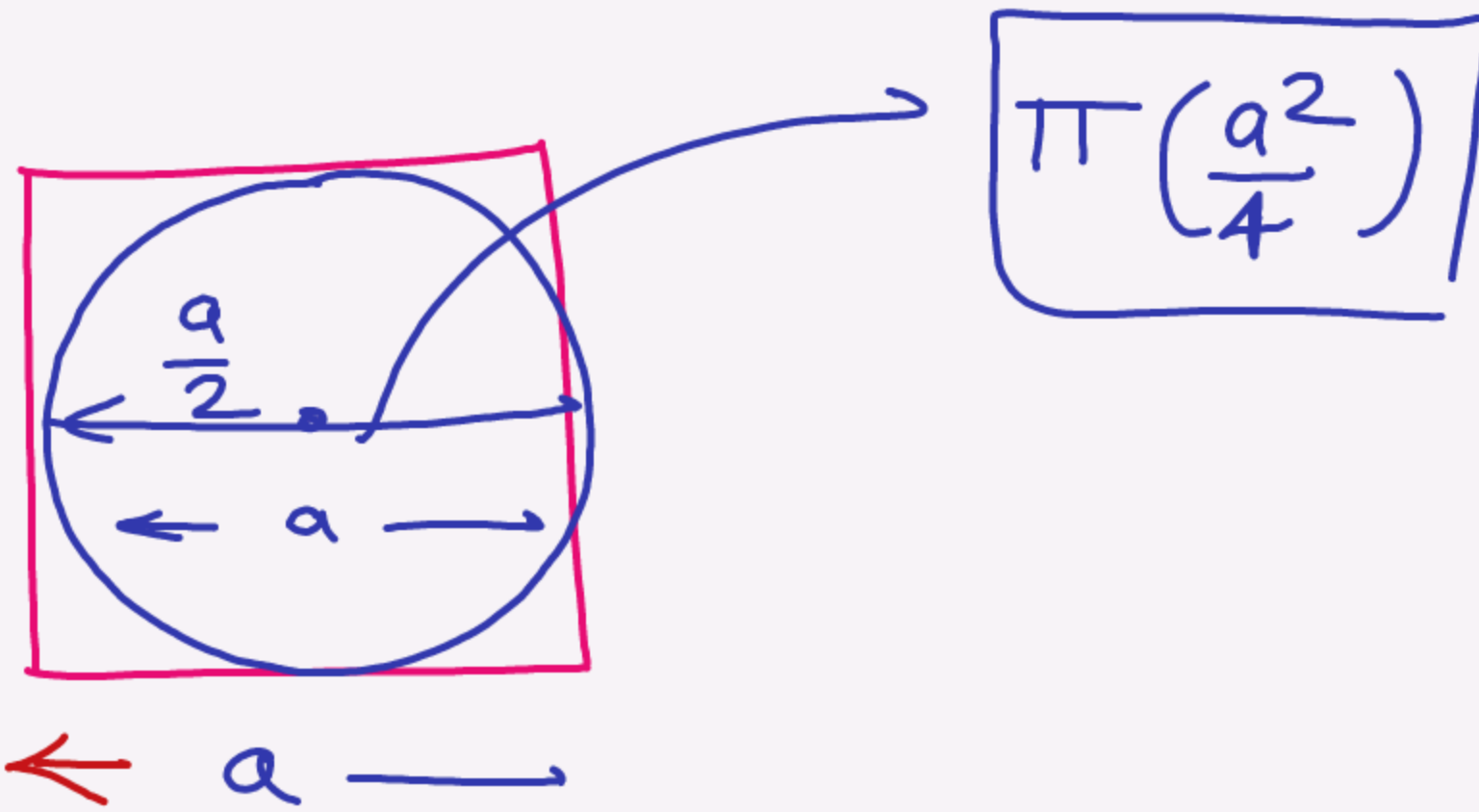


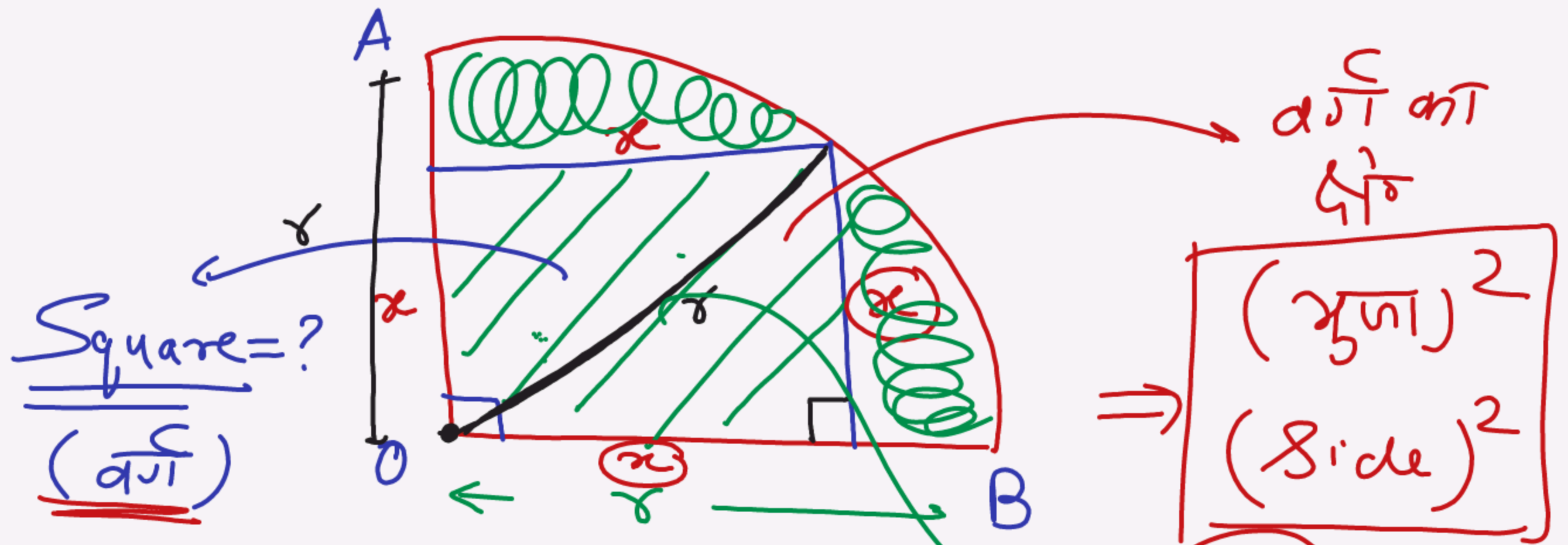
Area \Rightarrow

परिमाप
Circumfer



$$\frac{\pi r^2}{24}$$





$$x^2 + x^2 = r^2$$

$$\frac{2x^2 = r^2}{x = \frac{r}{\sqrt{2}}}$$

$$\frac{r^2}{2}$$

$$\frac{\pi x^2}{4} - \frac{x^2}{2}$$

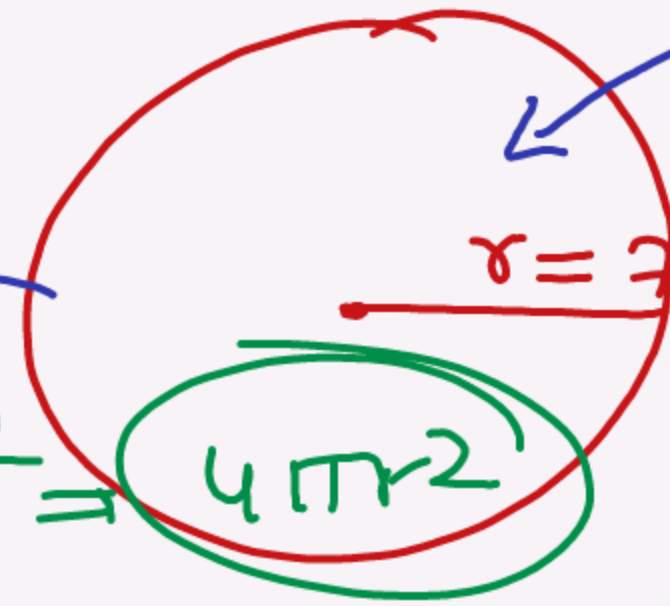
$$\frac{2x^2}{7}$$

$$\frac{22x^2}{7 \times 4} - \frac{x^2 \times 14}{2 \times 14} =$$

$$\left(\frac{\cancel{2}x^2}{\cancel{28}} \right)$$

Circle :-

$$\pi = \frac{22}{7}$$



$2r \rightarrow 4 \text{ time}$

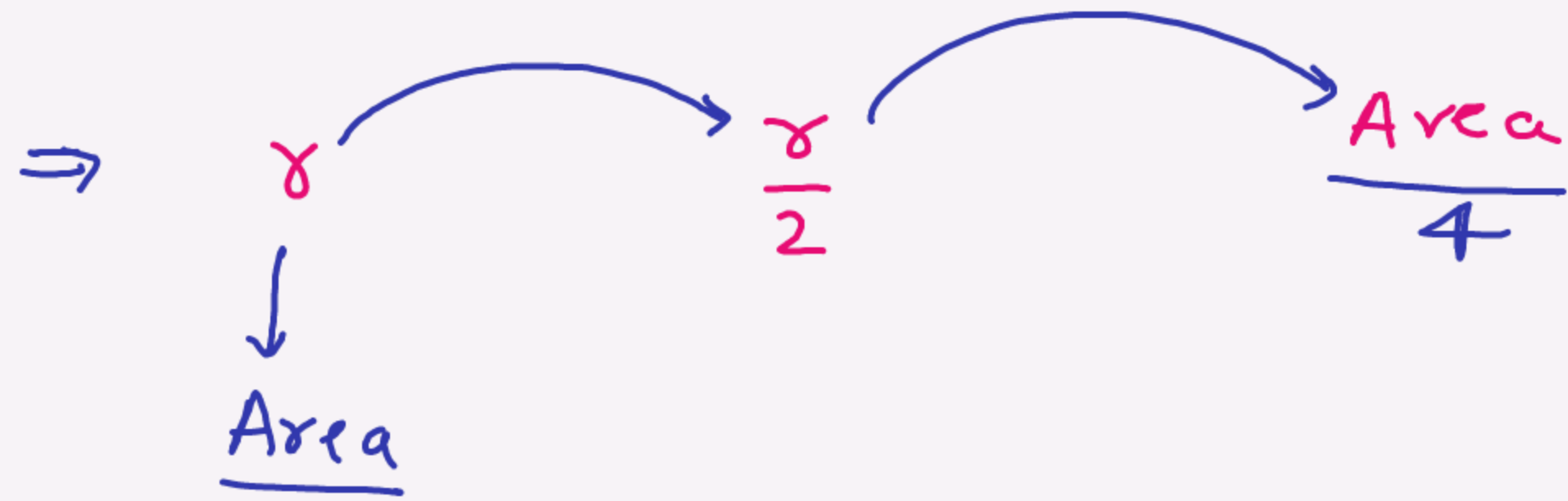
$3r \rightarrow 9 \text{ time}$

$4r \rightarrow 16 \text{ time}$

Area = ~~πr^2~~ $\Rightarrow \frac{22}{7} \times 7 \times 7 \Rightarrow \underline{154 \text{ cm}^2}$

Circumf = ~~$2\pi r$~~ $\Rightarrow \frac{22}{7} \times 2 \times 7 \Rightarrow \underline{44 \text{ cm}}$

$2r \Rightarrow 4r \Rightarrow \dots$
 $3r \rightarrow$



$$\begin{array}{l}
 \gamma = 7 \text{ cm} \Rightarrow 154 \text{ cm}^2 \longrightarrow 44 \text{ cm} \\
 \gamma = 14 \text{ cm} \Rightarrow 616 \text{ cm}^2 \longrightarrow 88 \text{ cm} \\
 \gamma = \underline{\underline{21 \text{ cm}}} \Rightarrow 1386 \text{ cm}^2 \longrightarrow 132 \text{ cm}
 \end{array}$$

$$\gamma = \frac{231 \text{ cm}}{10} \Rightarrow 13.86 \text{ cm}^2 \Rightarrow 13.2 \text{ cm}$$