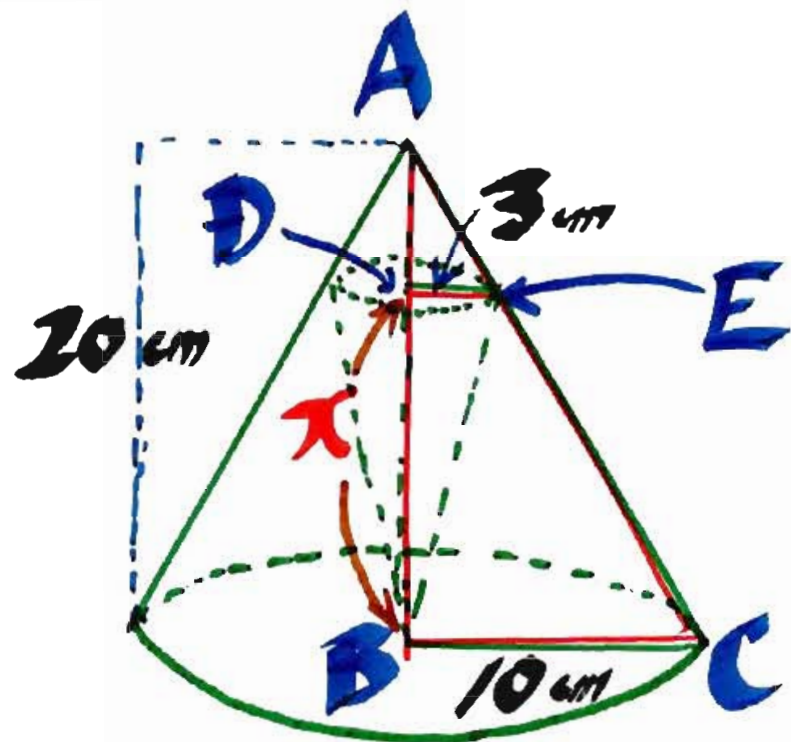


SS / 44%



$$\triangle ABC \sim \triangle ADE$$

$$\frac{20-x}{3} = \frac{20}{10}$$

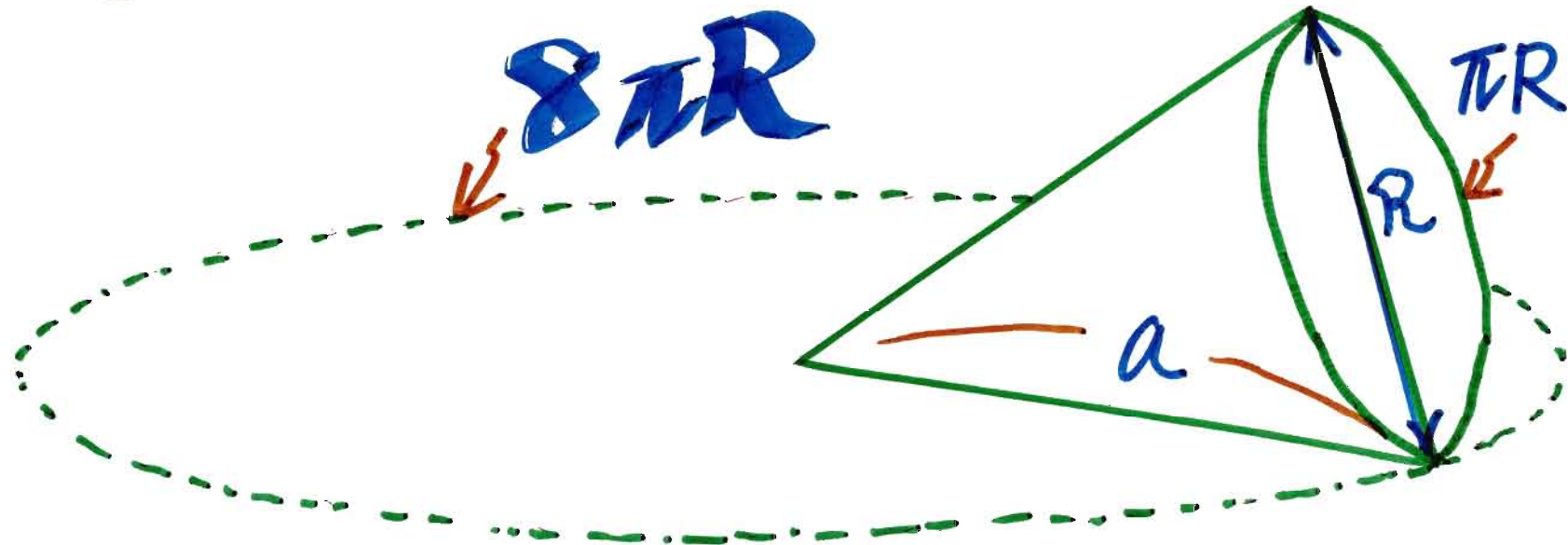
$$\Rightarrow x = 14$$

$$3^2 \pi \times 14 \times \frac{1}{3} = 42\pi \text{ cm}^3$$

直圓錐體積

底面積 \times 高 $\times \frac{1}{3}$

8.5 2 24%



$$\pi \cdot 2a = 8\pi R \rightarrow \underline{a = 4R}$$

底面: $\pi \left(\frac{R}{2}\right)^2$

扇: $\pi (4R)^2 \times \frac{1}{8} = 2\pi R^2$

和是4倍 $9\pi R^2$

