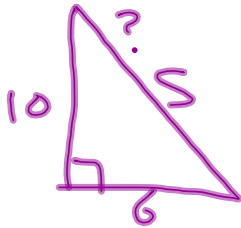
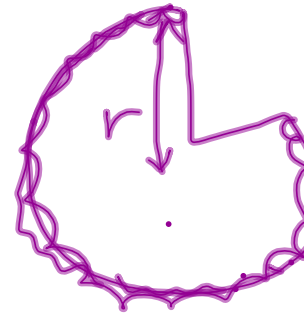
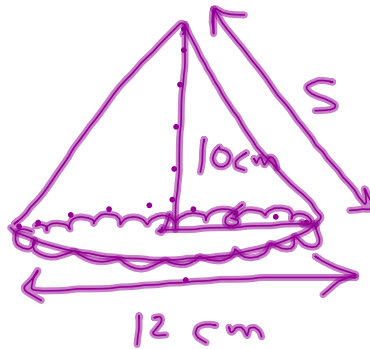


Page # 5

Q: 8



$$S = r$$

$$\therefore r = 11.7 \text{ cm}$$

$$S = \sqrt{100 + 36} \\ = 11.7$$

© parameter of the base of the cone : is -

$$2\pi r = 2\pi(6) \\ = 37.7 \text{ cm}$$

$$\bullet l = \theta r$$

$$\frac{l}{r} = \theta$$

$$\frac{37.7}{11.7} = \theta$$

$$\theta = 3.22$$

