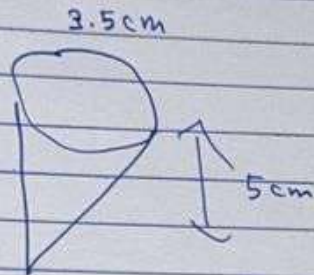


Session - 1

Q1:



$$d = 3.5$$

$$r = 1.75$$

$$h = 3.25$$

$$\Rightarrow A = 2\pi (1.75)^2 + \pi (1.75) (3.25)$$

$$= \pi [2 (1.75)^2 + (1.75) (3.25)]$$

$$= \frac{22}{7} \left[2 \times \frac{175}{100} + \frac{175}{100} \times \frac{325}{100} \right]$$

$$= \frac{22}{7} \left[2 \frac{49}{16} + \frac{12}{16} \right]$$

$$= \frac{22}{7} \left(\frac{110}{8} \right)$$

$$= \frac{11 \times 110 \times 55}{7 \times 8 \times 4}$$

$$= \frac{605}{28}$$

$$\approx 39.6 \text{ cm}$$

10:30 A.M \Rightarrow

$$65 + n(4) =$$