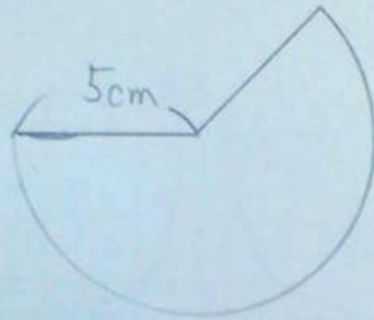


6

□

(3) ①



底面の円周と等しくなるので

$$3 \times 2 \times \pi = 6\pi$$

$$\underline{6\pi \text{ cm}}$$

② その他の円は $10\pi \text{ cm}$ 、弧の長さには $6\pi \text{ cm}$ があるので

$$360 \times \frac{6\pi}{10\pi} = 216 \quad \underline{216^\circ}$$

$$\textcircled{3} \quad 5 \times 5 \times \pi \times \frac{3}{5} = 15\pi \quad \underline{15\pi \text{ cm}^2}$$

$$\textcircled{4} \quad 6 \times 6 \times \pi = 36\pi \quad \underline{36\pi \text{ cm}^2}$$

$$\textcircled{5} \quad 3 \times 3 \times \pi = 9\pi \quad \underline{9\pi \text{ cm}^2}$$

$$\textcircled{6} \quad 15\pi + 36\pi + 9\pi = 60\pi \quad \underline{60\pi \text{ cm}^2}$$