

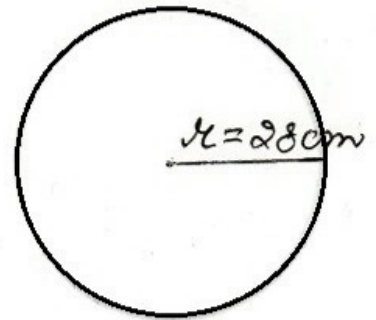
(16) no. of revolutions

$$= \frac{\text{distance travelled}}{\text{circumference}}$$

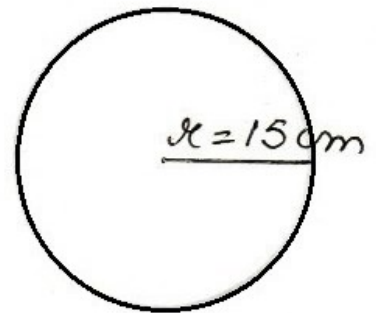
$$= \frac{352}{2\pi r}$$

$$= \frac{352 \times 100}{2 \times \frac{22}{7} \times 28}$$

$$= 200$$



(17) distance travelled in hour  
 $= 2\pi r$



$$\text{distance travelled in 1 minute} = \frac{2\pi r}{60}$$

$$= \frac{2 \times 3.14 \times 15}{60}$$

$$= 1.57 \text{ cm}$$