

$$115. \text{ distance travel. in } \frac{17}{2} \text{ h} = \frac{1445}{2} \text{ km}$$

$$\begin{aligned} \text{distance travel. in } 1 \text{ h} &= \frac{1445}{2} \div \frac{17}{2} \\ &= \frac{85}{1} \times \frac{2}{17} \\ &= 85 \text{ km} \end{aligned}$$

$$\therefore \text{ Speed} = 85 \text{ km/h}$$

$$116. \text{ cloth required for 16 shirts} = 24 \text{ m}$$

$$\begin{aligned} \text{cloth required for 1 shirt} &= \frac{24}{16} \text{ m} \\ &= 1\frac{1}{2} \text{ m} \end{aligned}$$

$$117. \text{ let money in bank} = \text{Rs } x$$

acc to con.

$$\frac{7}{11} x = 77000$$

$$\Rightarrow x = \frac{77000 \times 11}{7}$$

$$= 121000$$

$$\therefore \text{ Money in bank} = \text{Rs } 121000$$

$$118. \text{ length of rope} = 117\frac{1}{3}$$

$$= \frac{352}{3} \text{ m}$$

$$\begin{aligned} \text{length of each piece} &= 7\frac{1}{3} \\ &= \frac{22}{3} \text{ m} \end{aligned}$$

$$\begin{aligned} \text{no. of pieces} &= \frac{\frac{352}{3}}{\frac{22}{3}} = 16 \\ &= \frac{352}{3} \times \frac{3}{22} \end{aligned}$$