

119.

$$\begin{aligned} \text{total students} &= 48 \\ \text{no. of students above average} &= \frac{1}{6} \times 48 \\ &= 8 \\ \text{no. of average students} &= \frac{1}{4} \times 48 \\ &= 12 \\ \text{no. of students below average} &= 48 - 8 - 12 \\ &= 28 \end{aligned}$$

120.

$$\begin{aligned} \text{let total students} &= 100x \\ \text{no. of students who come by car} &= \frac{2}{5} \times 100x \\ &= 40x \\ \text{no. of students who come by bus} &= \frac{1}{4} \times 100x \\ &= 25x \\ \text{remain. st.} &= 100x - 65x \\ &= 35x \end{aligned}$$

$$\begin{aligned} \text{no. of students who walk on their own} &= \frac{1}{3} \times 35x \\ \text{acc to con. } 5 \frac{35}{3}x &= \frac{32}{224} \quad \left| \quad \begin{array}{l} \text{no. of st} \\ = \frac{20}{100} \times \frac{96}{5} \\ = 1920 \end{array} \right. \\ \Rightarrow x &= \frac{96}{5} \end{aligned}$$