

$$= 500 - 15 \times \frac{500}{100}$$

$$= 500 - 75$$

$$= 425$$

(49) A man purchased a cycle for ₹ 1500 & sold it at a loss of 10%. What was the selling price?

$$\rightarrow C.P = 1500$$

$$\text{Loss} = 10\%$$

$$\begin{aligned} \text{Loss} &= \frac{10}{100} \times 1500 \\ &= 150 \end{aligned}$$

$$\begin{aligned} \therefore S.P &= C.P - \text{Loss} \\ &= 1500 - 150 \\ &= 1350 \end{aligned}$$

(50) A trader marks his goods at 30% above the cost price & allow discount of 10%. What is his gain percent?

$$\rightarrow \text{Let } C.P = 100$$

$$M.P = 30\% = 130$$

$$\text{Discount} = 10\%$$

$$\text{Discount} = 10\% \text{ of } 130$$

$$= \frac{10}{100} \times 130$$

$$= \frac{1}{10} \times 130$$

$$= 13$$



$$\text{Selling Price} = 130 - 13 = 117$$

$$\text{Gain} = 117 - 100 = 17$$

$$\text{Gain Percentage} = \frac{17}{100} \times 100$$

$$= 17\%$$

$$C.P. = 100$$

$$\text{Loss} = 10\%$$

$$\text{Loss} = \frac{10}{100} \times 100$$

$$= 10$$

$$S.P. = C.P. - \text{Loss}$$

$$= 100 - 10$$

$$= 90$$

50. A trader marks his goods at 20% above the cost price & allows a discount of 10%. What is his gain percent?

$$C.P. = 100$$

$$M.P. = 120 = 100 + 20$$

$$\text{Discount} = 10\%$$

$$\text{Discount} = 10\% \text{ of } 120$$

$$= \frac{10}{100} \times 120$$

$$= 12$$

$$S.P. =$$