

1. let original salary = Rs $100x$
acc. to con.

$$100x + \frac{10}{100} \times \overset{1}{\cancel{100}}x = 154000$$

$$\Rightarrow 110x = 154000$$

$$\Rightarrow x = \frac{\cancel{154000} \ 1400}{\cancel{110}}$$

$$\Rightarrow x = 1400$$

\therefore original salary = Rs 1,40,000

2. no. of persons who visited zoo
on Sunday = 845

no. of persons who visited zoo
on Monday = 169

percentage decrease in visitors

$$= \frac{845 - 169}{845} \times 100$$

$$= \overset{4}{\cancel{4}} \overset{52}{\cancel{52}} \frac{\overset{20}{\cancel{20}} \ 676}{\cancel{845}} \times \cancel{100}$$

$$= 80$$