COMPARING QUANTITIES

PROFIT, LOSS AND DISCOUNT

EXERCISE

- Q.1 A man bought an article and sold it at a gain of 10%. If he had bought it at 20% less and sold it for Rs 10 more, he would have made a profit of 40%. Find the C.P. of the article ?
- **Q.2** A shopkeeper buys a toy for Rs 250 and sells it for Rs 285. Find his gain and gain percent.
- Q.3 Rishi bought a wrist watch for Rs 2200 and sold it for Rs 1980. Find has loss and loss percent.
- **Q.4** If the cost price of 18 mangoes is the same as the selling price of 16 mangoes, find the gain percent.
- **Q.5** A girl buys lemons at 4 for Rs 3 and sells them at 5 for Rs 4. How much percent loss or gain does she make ?
- **Q.6** A person sells an article for Rs 550, gaining $\frac{1}{10}$ of its C.P. Find gain percent.
- Q.7 A man purchases two fans for Rs 2160.By selling one fan at a profit of 15% and the other at a los of 9% he neither gains nor losses in the whole transaction. Find the cost price of each fan.
- **Q.8** If a man were to seel his hand-cart for Rs 720, he would lose 25%. What must he sell it for to gain 25% ?
- Q.9 A toy was sold at a gain of 12%. Had it been sold for Rs 33 more, the gain would have been 14%. Find the cost price of the toy ?

ANSWER KEY

- **1.** 500
- **2.** Rs. 35 & 14%
- **3.** Rs. 220 & 10%
- **4.** 12.5%
- 5. $\frac{20}{3}$ %
- **6.** 10%
- **7.** Rs. 1350
- **8.** 1200
- **9.** 1650