COMPARING QUANTITIES

SALES TAX

EXERCISE

- Q.1 At a clearance sale, all goods are on sale at 45% discount. If I buy a skirt marked Rs 600, how much would I need to pay ?
- Q.2 A shopkeeper offers his customers 10% discount and still makes a profit of 26%.What is the actual cost to him of an article marked Rs 280 ?
- Q.3 A shopkeeper marks his goods at such a price that after allowing a discount of 12.5% for cash payment, he still makes a profit of 10%. Find the marked price of an article which costs him Rs 245.
- **Q.4** A dealer buys an article for Rs 380. At what price must he mark it so that after allowing a discount of 5%, he still makes a profit of 25% ?
- **Q.5** A tradesman allows a discount of 15% on the written price. How much above the cost price must he mark his goods to make a profit of 19% ?
- Q.6 I mark up the computers I am selling by 20% and sell them at a discount of 15%. What is my net gain percent ?
- **Q.7** Articles are marked at a price which gives a profit of 25%. After allowing a certain discount, the profit reduces to $12\frac{1}{2}$ %. Find the discount percent.
- **Q.8** A cycle merchant allows 25% commission on his advertised price and still makes a profit of 20%. If he gains Rs 60 over the sale of one cycle, find his advertised price.
- **Q.9** How much percent more than the C.P. should a manufacturer mark his goods so that after allowing a discount of 20% on the marked price, he gains 10% ?

CLASS 8

Q.10 A shopkeeper allows a discount of 10% to his customers and still gains 20%. Find the marked price of an article which costs Rs 450 to the shopkeeper.

ANSWER KEY

- **1.** 330
- **2.** 200
- **3.** 308
- **4.** 500
- **5**. 40%
- **6.** 2%
- **7.** 10%
- **8.** 480
- **9.** 37.5%
- **10.** 600