

1. Express the following in decimal form:
(a) 12% (b) 25%
2. Evaluate the following:
(a) 20% of 400 (b) $12\frac{1}{2}\%$ of 625
3. If 20% of x is 25 then find x .
4. There are 24% of boys in a school. If the number of girls is 456, find the total number of students in the school.
5. The cost of 15 articles is equal to the selling price of 12 articles. Find the profit per cent.
6. An article is marked at ₹ 940. If it is sold for ₹ 799, then find the discount per cent.
7. A watch was bought for ₹ 2,700 including 8% VAT. Find its price before the VAT was added.
8. Find the amount if ₹ 2,000 is invested for 2 years at 4% p.a. compounded annually.
9. A man whose income is ₹ 57,600 a year spends ₹ 43,200 a year. What percentage of his income does he save?
10. Find the compound interest on ₹ 48,000 for one year at 8% per annum when compounded half yearly.