

8TH Class

Comparing Quantities

- Mohit bought a CD for Rs. 750 and sold it for Rs. 875. Find his gain percent
Ans: $(16\frac{2}{3}\%)$
- Rahul purchased a table for Rs. 1260 and due to some scratches on its top he had to sell it for Rs. 1197. Find his loss percent
Ans: (5%)
- Mohan purchased an old scooter for Rs. 12000 and spent Rs. 2850 on its repair. Then he sold it to his friend Rakesh for Rs. 13860. How much percent did he gain or lose?
Ans: $(6\frac{2}{3}\%)$
- Rohit buys a geyser for Rs. 3680 and sells it at a gain of $7\frac{1}{2}\%$. For how much does he sell it.
Ans: (Rs. 3956)
- On selling a fan for Rs. 810. Sunil gains 8% For how much did he purchase it?
Ans: (Rs. 750)
- The marked price of a ceiling fan is Rs. 1250 and the shopkeeper allows a discount of 6% on it. Find the selling price of the fan.
Ans. (Rs. 1175)
- A trader marks his goods at 40% above the cost price and allows a discount of 25%. What is his gain percent?
Ans: (S.P=Rs. 105, gain %= 5%)
- Find the S.P when M.P = Rs. 550 and discount = 10%
Ans: (S.P= Rs. 495)
- Find the rate of discount when M.P=Rs. 600 and S.P=Rs. 510
(Ans: 15%)
- A dealer prices an article at 20% more than the cost price and allows a discount of 10% on it. Find the gain percent.
(Ans: 8%)
- What price should kiran mark on a sari which cost her Rs. 3000 so as to gain 20% after allowing a discount of 10%?
(Ans: Rs. 4000)
- A shopkeeper quotes the price of a transistor radio as Rs. 1600 plus sales tax at the rate of 10%. Find the amount that a customer will have to pay.
(Ans: Rs. 1760)

13. Sunita paid Rs. 27.50 as sales tax on a bottle of shampoo worth Rs. 250. find the rate of sales tax.
(Ans: 11%)
14. A shopkeeper announces a discount of 5% on all readymade garments. If the marked price of a gown is Rs. 600 how much has the customer to pay for the gown. If the rate of S.T is 6%.
(Ans: Rs. 604.20)
15. Sanjeev bought a shirt for Rs. 336 including 12% sales tax and a neck tie for Rs. 110 including 10% sales tax find the list price (without sales tax) of shirt and neck tie together.
(Ans: Rs. 400)
16. Find 10% of 70. (Ans: 7)
17. What is the number whose 7% is 28? (Ans: 400)
18. Convert 35% into a simple fraction (Ans: $\frac{7}{20}$)
19. Write $\frac{2}{5}$ as a percent. (Ans: 40%)
20. Convert 9% into a decimal. (Ans: 0.09)
21. What percentage of 50 is 8? (Ans: 16%)
22. Sameer saves 15% of his monthly income of Rs. 10,000. How much does he save every month? (Ans: Rs. 1500)
23. A book was bought for Rs. 60 and sold for Rs. 50. What is the loss.
(Ans: Rs. 10)
24. Suyash bought an article for Rs. 800 and sold for Rs. 1000. find his gain percent.
(Ans: 25%)
25. Find the C.P when S.P = Rs. 2200 and gain = 10% (Ans: Rs. 2000)
26. Toffees are bought at the rate of 5 for a rupee and sold at 4 for a rupee. Find the gain percent
(Ans: 25%)
27. Find the discount in percent when M.P=Rs. 400 and S.P Rs. 360 (Ans: 10%)
28. At an election involving 2 candidates. 68 votes were declared invalid. The winning candidate scores 52% and wins by 98 votes. Find the total number of votes polled?
(Ans: 2518)
29. Find the compound interest on Rs. 1000 for two years at 4% per annum.
(Ans: Rs. 81.60)
30. Maria invests Rs. 93750 at 9.6% per annum for 3 years and the interest is compounded annually. Calculate
- The amount standing to her credit at the end of second year.
 - The interest for third year.
- (Ans: a. Rs. 112614, b. Rs. 10810.94)

31. Find the compound interest on Rs. 8000 for Rs. 1 $\frac{1}{2}$ years at 10% per annum interest being payable half yearly. (Ans: Rs. 1261)
32. Find the compound interest on Rs. 10000 for 1 year at 20% per annum compounded quarterly. (Ans: Rs 2155.0625)
33. Rohit deposited Rs. 8000 with a finance company for 3 years at an interest of 15% per annum. What is the compound interest that rohit gets after 3 years? (Ans: Rs. 4167)
34. Abhay lent Rs. 8000 to his friend for 3 years at the rate of 5% per annum compound interest. What amount does abhay get after 3 years? (Ans: Rs. 9261)
35. Find the compound interest at the rate of 10% per annum for four years on the principal which in four years on principal which in four years at the rate of 4% per annum gives Rs. 1600 as simple interest. (Ans: Rs. 4641)