ASSIGNMENT NO.8

STD –VIII SUBJECT – MATHS CH- 8,10

1. The price of a scooter was Rs. 34000 last year. This year its price is Rs. 40800. Find the percentage increase or decrease in price ?
2. If 9.5 % of a number is 76 , find the number ?
3. On a rainy day , only 36 students out of 45 came to a class . what percent were absent ?
4. Mr. khanna spent 83% of his salary and saved Rs. 1870 . calculate his monthly salary ?
5. Rohit bought an old scooter for Rs. 11500 and spent Rs 1000 on its repair . He sold it for

Rs.15000. find his loss or gain percent ?

1. By selling a fan for Rs. 649 , Anil earns a profit of 18%. Find its cost price ?
2. A laptop and a mobile phone were bought for Rs. 40000 and Rs. 24000 respectively . The shopkeeper made a profit of 8% on laptop and a loss of 12 % on mobile phone . Find his gain or loss percent on whole transaction ?
3. A wardrobe is sold at Rs. 5510 after allowing a discount of 5% . find its marked price ?
4. If 5 % of a number is 42 , then find out the number ?
5. On reducing the price of a cycle by 14% , it becomes Rs. 1425. What was its original price?
6. By selling a bike for Rs. 22464 , Ansari Incurs a loss of Rs. 1536 . find his loss percentage ?
7. Find the amount and the compound interest on Rs. 5000 for 2 years at 6% per annum , interest payable yearly .
8. Find the amount and compound interest on Rs. 7400 for 1 year at 5% per annum , interest payable half yearly ?
9. Find the difference between compound interest and simple interest on sum of Rs. 4800 for 2 years at 5% per annum payable yearly ?
10. Define polyhedron ?
11. Write the eular ‘s formula ?
12. Can a polyhedron have 8 faces, 16 edges, 10 vertices?
13. Ms. Anjali purchased an almirah for Rs. 4956 , including GST. If the marked or sale price of the almirah is rs. 4200 , find the rate of GST?
14. Verify Eular’s Formula for given figure