

Diwali Assignment VII

Maths

Maths

- Find the missing value in following cases
 - Principle = Rs. 1000/- Rate = 12% Time = 2.5yrs Amt = ??
 - Principle = ?? Rate = 8% Time = 8mth Amt = Rs. 12000
 - Principle = Rs. 2500/- Rate = ?? Time = 3 yrs SI = Rs. 250
 - Principle = Rs. 34000/ Rate = 20% Time = ?? Amt = Rs. 50000
 - Principle = Rs.7500/- Rate = 12% Amt = Rs. 10000 SI = ??
- Find value of x if:
 - x % of 5000 is 250.
 - 12kg is x% of 144kg.
 - x is 35% of Rs. 2000/-.
- In a factory if 5 workers are assigned for a single machine work, then find
 - How many workers would be required if the factory has a total of 25 such machines?
 - How many machines required if 200 workers work in that factory?
- If the angles of a quadrilateral are in ratio of 3:7:5:4. Find all the angles of quadrilateral. [Hint: Sum of angles of a quad is 360°]
- Express as decimal values:
a) 12% b) $34/5$ % c) 135% d) 1% e) 2.54%
- Find the missing values in following:
 - CP = Rs. 9600 P = Rs. 120 SP = Rs. 10000 P%= ??
 - L = Rs. 100 SP = Rs. 250 CP = ??
 - L% = 15% SP = Rs. 5000 CP = ?? L = ??
 - P = Rs. 350 P% = 5% SP = ??
 - L = Rs. 500 L% = 15% CP = ?? SP = ??
- If the value of profit percentage on a deal was found to be equal to profit, Find Cost Price and Selling Price.
- Raj sold an article to Varun at a profit of 20% and he sold the same article to Mugdha at a loss of 20%. Find net gain or loss faced by Raj.
- The cost of a refrigerator in a showroom was found to be Rs. 18000/-. If the manufacturer sold it at a profit of 5% and showroom owner is selling it at a profit of 10%, find the original manufacturing cost of refrigerator.
- The Simple interest obtained over a certain amount became equal to the principle amount in 5yrs. Find,
 - Rate if SI was Rs. 1500.
 - SI and Principle if Rate was 10%pa.