Sessional Marks Assignment

Statement Problems

1. What number increased by 25 gives 85?
2. Heat and electricity together cost a company Rs: 1080 for the month of January. If the consumption for heating purposes is three times as much as light, how much each expense cost to the company?
3. A group bonus is divided among 4 employees in the ratio of their basic salaries. Ratio is 7, 4, 2 and 5 respectively. If a total bonus is Rs. 540; calculate the amount received by each employee.
4. A father is four times as old his son now. After 24 years he would be twice as old as his son. What are the present ages of the father and the son?
5. The sum of the ages of a girl and her brother is 26 years. Three years ago her age was four times the age of her brother. Find the present age of the girl and her brother.
6. The sum of two numbers is 84, and one of them is 12 more than the other.  What are the two numbers? (36 and 48)
7. List price = $150

Trade discount = 20%

Find the net cost

1. Example

List price = $150

Trade discount = 20/10 (series discount)

Find the net cost

1. Selling price = $18.75

Cost = $15

Markup based on cost = ?

Percent markup based on cost = ?

10) The Tower Market sells aspirin for $3.38 per 100-tablet bottle. If they pay $2.60 per bottle, find the markup percent on cost.

11) Bismark Tractor put a markup of 26% on cost on some parts for which they paid $4.50. Find (a) selling price as % of cost (b) the selling price (c) the markup.