Ratio and Proportional Parts Questions Part 1

1) Two distances are in the ratio 7:9. If the first distance Is 448 metres, What Is the second distance?

2) Two amounts of cash are in the ratio 9:5. If the second amount is $20.05, what is the first amount?

3) Two friends, Nola and Trinity share a sum of money in the ratio of 8:6 respectively. If Trinity's share was $58.50, find the total sum of money shared.

4) A sum of money is divided among two class mates in the ratio of 9:12. If the smaller amount is $567, find the larger amount.

5) A sum of money was divided between two sisters, Katty and Natalie in the ratio 4:7. If Natalie received $360 more than Katty, find the sum of money shared.

6) It costs $448 to do a job in an area of 28 m^2. How much would it costs to do that same job in an area of 64 m^2?

7) At an average speed A truck uses six litres of gas to travel 120 Km. At the same speed how much gas is needed to travel
(A) 180 Km   (B) 90 Km?

8) A mixture consists of 6 parts of lime and 10 parts of orange. How much of the lime should be mixed with 660 L of orange?