1.One year before Pamela's age was 4 times of her daughters age. After 6 yrs Pamelas age will be 9 yrs more than twice the age of her daughter. What is her daughters present age?

2.At an ice cream store, $20 is enough to buy 5 cones and 5 sundaes. Or $20 can buy 4 sundaes,6 cones and there would be 80 cents left over. How much more expensive is a sundae compared with a cone?

3.The staff members of an athletic department at a college agreed to contribute equal amounts to make up a scholarship fund of 200$. Since then,two new members have been added to the staff, as a result, each members share has been reduced by 5$.How many members are now on the staff?

4.A gardener sets 180 plants in row. Each row contains the same number of plants. If there were 40 more plants in each row, the gardener would need 6 fewer rows. How many rows are there?

5. A demographic survey of 100 families in which two parents were present revealed that the average age P, of the oldest child is 10 yrs more than 1/3 the sum of the ages of the two parents. If F represents the age of one parent and M the age of the other parent then which of the following is equivalent to p?

6.The average cost of an apple is $0.20 for first 10 apples after this the cost of apple will be $0. 16 if Nikki wants to buy an apple at an average price of 17 cent how many apple does she have to purchase?
Option-(a)10 (b)20(c)35(d)40(e)30

7. The average marks of a student in 6 subject is X. If the maximum and minimum marks are excluded, the average of marks in remaining subject is X - 1. If the minimum no. of marks scored by him in a subject is 90, what is the maximum no of marks scored by him if X= 90?
Option-(a)90(b)89(c)80(d)86(e)94

8. Some children sitting in a row. The nth child has n^2 (n ka square) chocolate and every child has an average of 46 chocolate. How many children are sitting in the row?
Option (a)9(b)10(c)11(d)12(e)8

9. The average salary of a man for the first 6 months of a year is $ 4000 per month, In this period, his average expenditure is $2500 per month. For the next 6 month his expense doubled. What should be the percentage of increase in his average salary in these 6 months so that his average saving are the same for the first and second half of the year?
Option-(a)40%(b)33.33%(c)62.5%(d)100% (e)30%

10. Ten years ago the average age of a family of 4 member was 25 years. However a boy was born 5 years back in the family. What is the average age of a family?
Option-(a)32(b) 28(c)30(d)29(e)33

11. The average of 10 numbers is 20. If a number, equal in value to the maximum number out of the given ten numbers, is added, the average increase by 1. If the maximum number itself is deleted, what will be the average?