1.   The cost price of 11 pens is equal to the selling price of 10 pens. Find the loss or gain percent. (Ans 10%)

2.   By selling a table for Rs. 1,320, a trader gains 10%. Find the C.P. of the table.(Ans Rs 1200)

3.   After allowing a discount of 8% on a toy, it is sold for Rs 216.20. Find the marked price of the toy. (Ans Rs 235)

4.   25 % of 120 apples have got rotten. How many of them are still good? (Ans 90)

5.   Find compound interest *on* Rs.7500 *at* 4% per annum for *2* years, compounded annually. (Ans Rs 612)

6.   In what time will Rs.1000 become Rs.1331 *at* 10% per annum compounded annually? *(Ans 3 years)*

7.   A bicycle marked at Rs 1,500 is sold for Rs 1,350. What is the percentage of discount? (Ans 10%)

8.   What will be the unit digit of the squares of the following numbers?

(i) 26387   (ii) 52698   (iii) 99880   (Ans 9, 4 and 0)

9.   The following numbers are obviously not perfect squares. Give reason.

(i) 1057   (ii) 23453   (iii) 7928   (iv) 222222

10   2209 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row. (Ans 47)

11. Find the least number which must be subtracted from each of the following numbers so as to get a perfect square. Also find the square root of the perfect square so obtained.

(i) 402   (ii) 1989   (Ans 2, 20 and 53, 44)

12. Find the least number which must be added with each of the following numbers so as to get a perfect square.   Also find the square root of the perfect square so obtained.

(i)   560   (ii)   4300   (Ans 16 , 56)

13. Present ages of Anu and Raj are in the ratio 4 : 5.   Eight years from now the ratio of their ages will be 5 : 6.   Find their present ages. (Ans 32 years and 40 years)

14. Find the smallest square number that is divisible by each of the numbers 12, 15, and 18. (Ans 900)