Chapter 4 : Simple Equation.

1) Write the following statements in the form of equation :
   (i) The sum of three time x and 11 is 32.
   (ii) If you subtract 5 from 6 time a number, you get 7.
   (iii) One fourth of m is 3 more than 7.
   (iv) One third of a number plus 5 is 8.

2) Convert the following equation in statement form :
   (i) $x-5=9$ (ii) $5p=20$ (iii) $3n+7=1$ (iv) $\frac{m}{5}-2=6$

3) Raju's father's age is 5 years more than three times Raju's age. Raju's father is 44 years old. Set up an equation to find Raju's age.

4) A shopkeeper sells mangoes in two types of boxes, one small and one large. A large box contains as many as 8 small boxes plus 4 loose mangoes. Set up an equation which gives the number of mangoes in each small box. The number of mangoes in a large box is given to be 100.

5) Solve : (a) $3n+7=25$ (b) $2p-1=23$

6) Solve : $12p-5=25$

7) Solve : $4(n+3)=18$ (b) $-2(x+3)=5$

8) The sum of three times a number and 11 is 32. Find the number.

9) Find a number, such that one fourth of the number is 3 more than 7.

10) Raju's father's age is 5 years more than three times Raju's age. Find Raju's age, if his father is 44 years old.

11) Solve (a) $3(x-1) + 2(2x+3) = 7$

(b) $2.5x + 3 = 1.9x + 3.6$

12) Ramu's mother is 45 years old. She is 3 years more than two times Ramu's age. Find Ramu's age.

13) Solve for x: (i) $\frac{x}{3} + 7 = 19$ (ii) $5(1-x) + 6 = 8(3+x)$