

CLASS-VII (MATHEMATICS)

CH-4: SIMPLE EQUATION

WORKSHEET-3

Do solutions on your CLASS WORK copy

Based on Ex-4.3 & Ex-4.4

1. Make equations for given statements :

- (a) 4 less from thrice a number m is 14.
- (b) A number x divided by 4 gives 3.
- (c) 7 less than a number x is 4.
- (d) Four fifths of a number. is greater than three fourth of the number by 4.
- (e) x exceeds 3 by 7

2. 18 is taken away from 8 times of a number is 30. Find the number.

3. The denominator of a fraction exceeds the numerator by 5. If 3 be added to both, the fraction becomes $\frac{3}{4}$. Find the fraction

4. If thrice of A's age 6 years ago be subtracted from twice his present age, the result would be equal to his present age. Find A's present age.

5. The fourth part of a number exceeds the sixth part by 4. Find the number.

6. The length of a rectangle is three times its width. If the perimeter of the rectangle is 96m, find the length and breadth of the rectangle.

7. If a number is tripled & the result is increased by 5, we get 50. Find the number.

8. In a class of 60 students, the number of girls is one third the number of boys. Find the number of girls and boys in the class.

9. If one side of a square is represented by $18x - 20$ and the adjacent side is represented by $42 - 13x$, find the length of the side of the square.

10. In a triangle, the second angle is 5° more than the first angle. And the third angle is three times of the first angle. Find the three angles of the triangle.

11. Construct three equations starting from $x=3$.