INTERNATIONAL INDIAN SCHOOL – TABUK

FORMATIVE ASSESSMENT -1

SUB: MATHEMATICS

CLASS: VIII WORK SHEET

CHAPTER - 2 LINEAR EQUATION IN ONE VARIABLE

- I. Answer the following questions:-
 - 1. Twice a number increased by 3 gives 15. Find the number.
 - 2. The numerator of a fraction is 2 less than the denominator. If 1 is added to its denominator it becomes $\frac{1}{2}$. Find the fraction.
 - 3. The sum of three consecutive multiples of 7 is 63. Find these multiples.
 - 4. Solve $\frac{2x-1}{2} + \frac{3x-1}{3} + \frac{4x-1}{4} = 1\frac{11}{12}$
 - 5. Solve $\frac{3x+10}{5x+10} = \frac{5}{7}$
 - 6. Solve and check your solution

$$2x - 3 = 9(x + 7) - 3$$

- II. Fill in the blanks

 - 7. Is $x^2 4x + 3$ a linear equation? _____. 8. Find the root of the equation 8x = 12 + 5x then x =_____.
 - 9. Solve the equation $\frac{x}{2} + 3 = 4$ then x =_____.
 - 10. Find the value of x if ax + b = 0 then x =_____.
 - 11. Can we transpose any term of an equation from one side to the other side ______.
 - 12. The value of the variable in an equation which makes LHS and RHS equal is called ______.
