Linear Equations in One Variable: Worksheet -2

1. A number is multiplied by 3. 6 is added to this result. Then we get 21. Express this as an equation as _ _ _ _ _ _ _ _ _

2. 4 less than half of x in symbolic form is _ _ _ _ _ _ _ _

3. The root of an equation _ _ _ _ _ _ _ _ _ the equation.

4. If $\dfrac{x+a}{b} = c$, then x = _ _ _ _ _ _ _ _ _

5. Changing a term from one side of an equation to the other side is called_ _ _ _ _

6. The root of the equation 3x − 2 = 13 is _ _ _ _ _ _ _ _

7. If 9 − 7x = 5 − 3x, then x = _ _ _ _ _ _ _ _

8. A man's present age is x. His age ten years ago was _ _ _ _ _ _ _ _

9. A boat travels at x kmph in still water. If the speed of current is y kmph, its speed upstream is _ _ _ _ _ _ _ _ _

10. If $\dfrac{3}{x} = \dfrac{x}{12}$, then x = _ _ _ _ _ _ _ _ _