

Chapter 02

LINEAR EQUATIONS IN ONE VARIABLE

EXAMPLES:

Method- 2:

Solving equations having the variable on both sides.

Example: Solve $7x + 4 = 25 + 4x$

Solution: $7x + 4 = 25 + 4x$

$$\Rightarrow 7x - 4x = 25 - 4$$

$$\Rightarrow 3x = 21$$

$$\Rightarrow x = \frac{21}{3}$$

$$\therefore \boxed{x = 7}$$