

## Chapter 02

### LINEAR EQUATIONS IN ONE VARIABLE

#### TRANSPOSITION:

The process of any term of an equation may be taken to the other side with the sign changed is known as “**Transposition**”.

#### Examples:

Find 'x' if  $7x + 3 = 3x - 5$

#### Solution:

$$\Rightarrow 7x - 3x = -5 - 3$$

$$\Rightarrow 4x = -8$$

$$\Rightarrow x = \frac{-8^2}{4^1}$$

$$\therefore \boxed{x = -2}$$