

## ASSIGNMENT OF CLASS 10

### MATHEMATICS

#### LINEAR EQUATION

$Ax + B = 0$  is known as linear equation in one variable .

Its solution is  $x = -B/A$

(i)  $2x + 9 = 0$

$x = -9/2$  is the solution of this equation.

(ii)  $4x - 12 = 0$

$x = 12/4$

$x = 3$

#### Sample Question:

Find the value of x in the following equations.

Type 1)  $3x/4 - 5/6 = 0$

Type 2)  $x + 5 = 9$

Type 3)  $2x - 5 = x - 9$

Type 4)  $2(x - 5) = 3x - 8$

Type 5)  $3(x + 4) / 5 = 3/6$

Type 6)  $(5x - 7)/(4x + 3) = 6/5$

Type 7)  $9 - 3(x + 6) = 30$

Type 8)  $[2 - 4(x + 7)]/(9 - x) = 12$

Type 9)  $(9x - 6)/7 = (5x + 12)/8$

Type 10)  $x[5 - 7\{4 - 3(9 - 13)\}] = 50$

DATE	Assignment	Content	Book
23/3/19 TO 30/3/19	TWO EXERCISES	PROBABILITY	R D SHARMA
20/4/19 TO 24/4/19	10 QUESTIONS FROM EACH EXERCISE	LINEAR EQUATION	R D SHARMA