

**DAV PUBLIC SCHOOL, SASARAM**  
**PRACTICE SET FOR MATHEMATICS**

**CLASS-9**

**SUB. TEACHER- KANCHAN PATEL**

**DATE- 7<sup>th</sup> JUNE 2020**

**TOPIC- LINEAR EQUATION IN TWO VARIABLES**

Q.1 Write each of the following equations in the form  $ax + by + c = 0$  and indicate the values of a,b and c in each case:

a.  $2x + 3y = 4.37$

b.  $x-4 = \sqrt{3}y$

c.  $4=5x - 3y$

d.  $2x=y$

Q.2 Write each of the following as an equation in two variables:

a.  $x=-5$

b.  $y=2$

c.  $2x=3$

d.  $5y=2$

Q.3 Draw the graph of the equation  $2x-y + 3=0$ . Using the graph, find the value of y, when  $x=-2$ .

Q.4 Draw the graph of the equation  $2x + 3y= 11$ . From your graph, find the value of y, when  $x=-2$ .

Q.5 Draw the graph of the equation  $y=2x$ . From your graph, find the value of x when  $y=-2$ .