Class – 10th　　　　　**Chapter-4**　　　　　**Subject Maths**

Worksheet-13　　　　　　　　*Linear Equation and Inequalities*

1. Shade the solution set of inequality $|x| \leq 3$

2. Shade the solution set of inequality $2x + 3y \geq 3$

3. Solve the linear pair of equations graphically and with the help of this find value of 'a' where as $4x + 3y = a$, $x + 3y = 6; 2x - 3y = 12$.

4. Solve the linear pair of equations graphically and find the co-ordinates of that points where lines represent them, cut at y–axis $3x + 2y = 12; 5x - 2y = 4$.

5. Write the number of solution of following linear pairs

   $x + 2y - 8 = 0; 2x + 4y = 16$