

Graphing the Line:

Equation of the Line: $y=-2x+1$

Y-intercept of the Line

Putting $x=0$ in the equation

$$y=-2x+1$$

$$y=-2*0+1$$

$$y=1$$

Therefore,

Y-intercept of the Line in the question: (0,1)

X-intercept of the Line in the question:

Putting $y=0$ in the equation

$$y=-2x+1$$

$$0=-2x+1$$

$$-1=-2x$$

$$1=2x$$

$$x=1/2$$

Therefore,

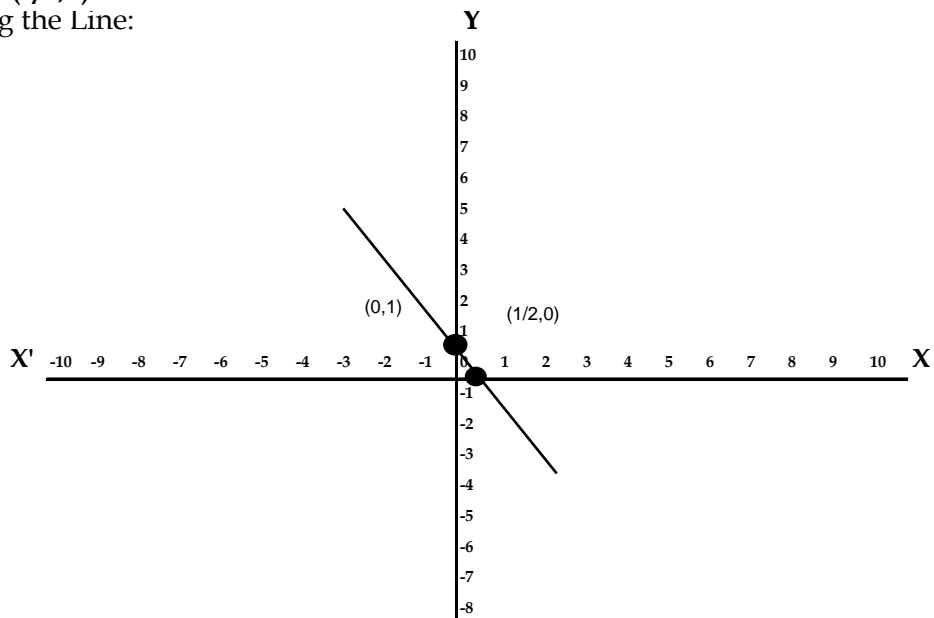
X-intercept of the Line in the question: (1/2,0)

Therefore,

The two intercepts of the equation are:

(0,1) (1/2,0)

Graphing the Line:



-9
-10
Y'