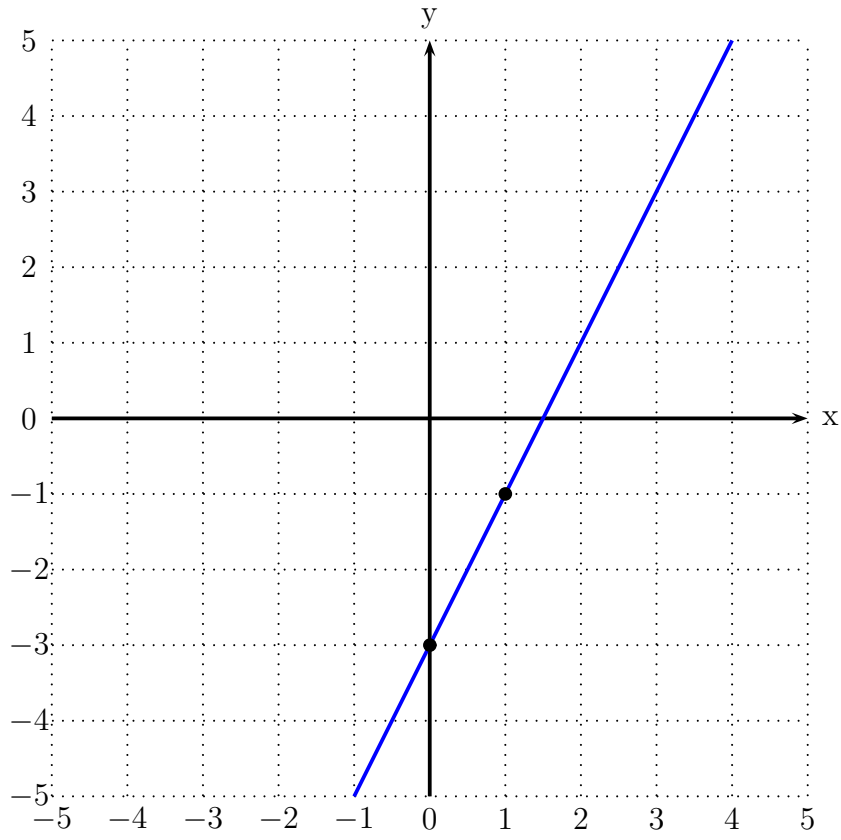


Lesson 17.5

1. Consider the following line



(a) Find the equation of this line.

(b) Notice that this line splits the plane in to two *half-planes*. From each of those half-planes choose two points and plot them in the equation of the line that you found in the previous part. What do you observe?

(c) Choose one more point from each half-plane. Is your observation confirmed?