

Math 201

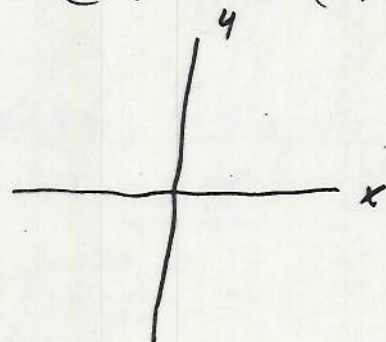
Lecture #1

While I take roll, would you please do the following

1. For the line passing through the points $(2, 5)$ and $(4, -1)$

a) Graph the line in \mathbb{R}^2

x		y
2		5
4		-1



b) Give the slope

c) Give the eqn in point slope form

d) Give the equation in general form: $ax + by = c$

e) Give the equation in $y = mx + b$ form

2. For the fun $f(x) = x^2 + 3x + 2$

a) Give the eqn of tan line

b) Find the area under f
between $x = 1$ and $x = 4$.