

I. Lines, functions, and the like.

1. (5 pts.). Put the equation $3x + 2y - 3 = 0$ into intercept-intercept form and sketch a graph of it.

2. (5 pts. each)

a) Write the equation of the line through (1, 1) and (2, 3)

b) Write the equation of the line through (1, 1) and perpendicular to

3. (5 pts. each)

a) What is a function?

b. What is the composition $f \circ g$ of functions f and g ?

c. What is the inverse of a function (if it exists)?

4. (10 pts.) Let

II. Limits and the like

1. (10 pts.) Give an informal definition of

