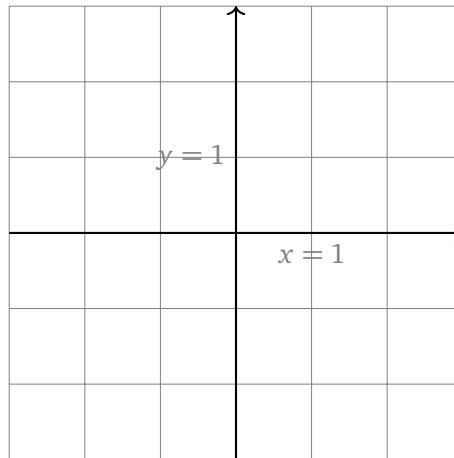


MATH 1553
QUIZ #1: §2.1

Name		Section	
-------------	--	----------------	--

1. [3 points] Draw a picture of the line in \mathbf{R}^2 defined by the equation $2x - y = 1$.



2. [4 points] Write a second equation (in two variables) so that the following system becomes *inconsistent*:

$$\left\{ \begin{array}{l} 2x - y = 1 \\ \end{array} \right.$$

3. [3 points] Find all intersection points of the lines defined by these equations:

$$\begin{aligned} 2x - y &= 1 \\ x + y &= 2. \end{aligned}$$

Show your work.