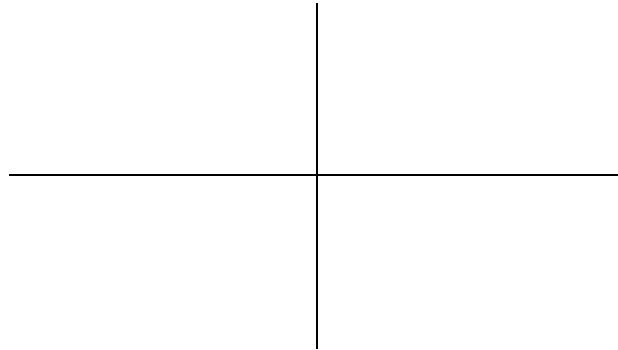


QUIZ 1

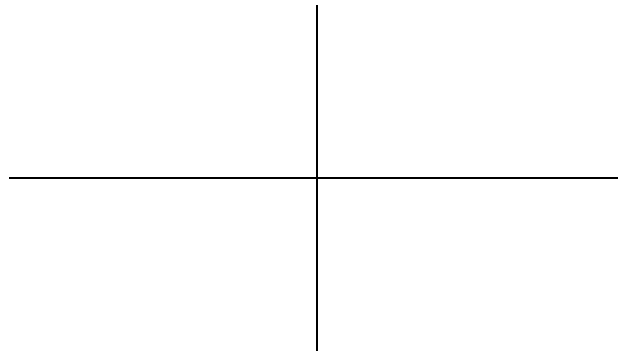
Instructions: Put your name in the blanks above. Put your final answers to each question in the designated spaces on these pages. Show your work—if there is not enough room, use another sheet.

(1) For each of the following linear equations, find the intercepts (if a given intercept does not exist, say so), and draw the corresponding graph (clearly marking the intercepts).

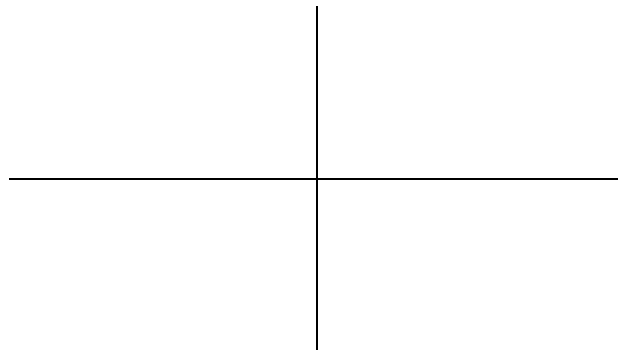
(a) $3x + 2y = 0$ x -intercept = _____ y -intercept = _____



(b) $3x + 2 = 0$ x -intercept = _____ y -intercept = _____



(c) $3x + 2y = 5$ x -intercept = _____ y -intercept = _____



(2) (a) Solve the following system of equations. Do not use decimals.

$$3x - y = 6$$

$$x + 5y = 10$$

(b) Graph the two lines given by the equations in part (a). Clearly indicate the point of intersection of the two lines.

