

Name \_\_\_\_\_

## Graphing Linear Equations

### Activity 1:

You and your partner will be graphing the same equations. After graphing Equation 1 on your worksheet (next page in this packet) then both you and your partner will graph your equations on the erasable board. After that, discuss the questions on the worksheet with your partner and write your answers down.

### Activity 2:

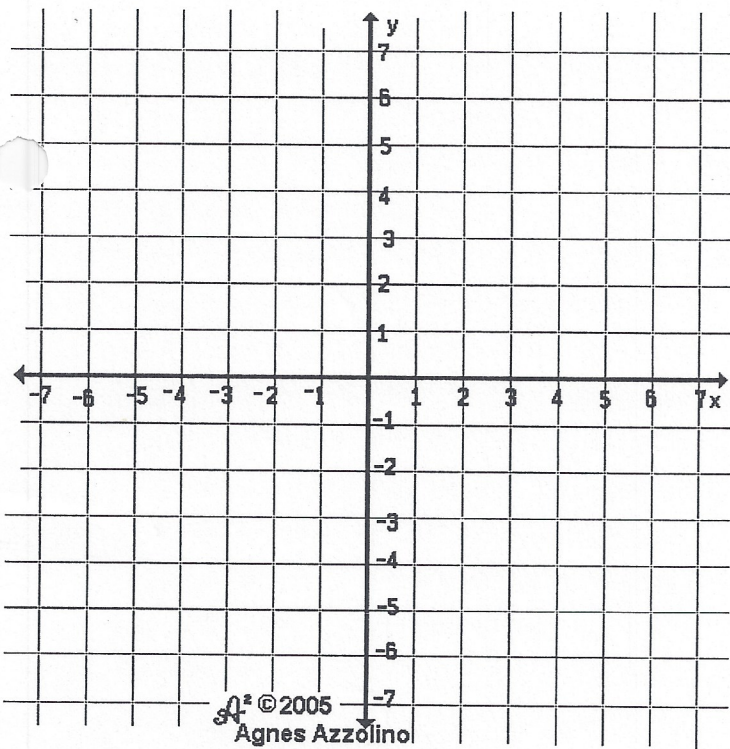
You and your partner will be graphing slightly different equations. After completing your tables and graphing your equations on your worksheet, graph them together on the same erasable board. After that, discuss the questions on the worksheet with your partner and write your answers down.



## LINEAR EQUATIONS ACTIVITY WORKSHEET

EQUATION # 1:  $y = 3x - 1$

x					
y					
(x,y)					



Answer these questions with your partner AFTER graphing the equations on the boards.

- Do you and your partner have the same numbers or values in your tables?
- Is your line the same as your partner's (use the word slope)?
- What can you conclude?



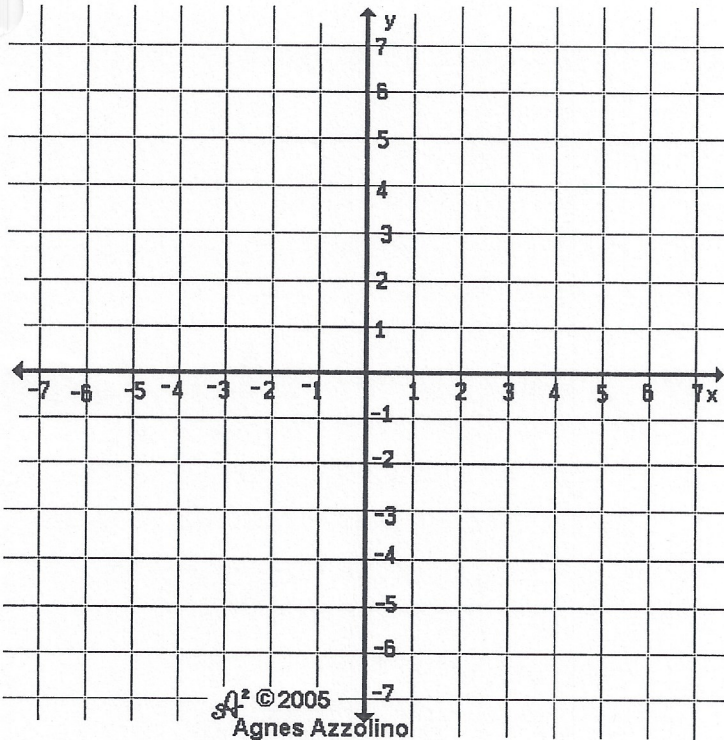


Partner 2

## LINEAR EQUATIONS ACTIVITY WORKSHEET

EQUATION # 2:  $y = -2x + 2$

x	y	(x,y)



Answer these questions with your partner AFTER graphing the equations on the boards.

- How is your line different from your partner's line?
- Now look at your equations. What in your equations is different?
- What can you conclude?