Date: \_\_\_\_\_

# **Special Slopes and Equations**

Example 1 Graph the following pairs of lines and state their slope.



#### Example 2

Graph the line that goes through the following pairs of points. Determine the slope of the line and give its equation.



Example 3

Graph the line that goes through the following pairs of points. Determine the slope of the line and give its equation.



The equation of a vertical line looks like \_\_\_\_\_\_.

### Example 4

Determine the slope and equation of each of the given lines. a.



b. Through (-3,7) and (-3,2).

c. Through (-1, -1) and (5, -1).

### **Homework:**

## Whom Should You See at the Bank If You Need To Borrow Money?

Use the slope and y-intercept to graph each equation below. The graph, if extended, will cross a letter. Print this letter in each box that contains the number of that exercise.



# What Did the Ape Think of the Grape's House?

For each exercise, draw the line indicated and write its equation. Find your answer in the answer section and notice the two letters next to it. Print these letters in the two boxes at the bottom of the page that contain the number of that exercise.

