

X/Y Intercepts

Name \_\_\_\_\_

Time class meets \_\_\_\_\_

**Note:** 1) Equations and graphs must be created by you and not come from the textbook.

2) Create x and y coordinates manually

1. Create a line graph from an equation that demonstrates:

- a function
- positive line graph
- manually come up with 3 points, 1 of which crosses the y-axis and 1 of which crosses the x-axis
- draw the line graph based on the 3 points
- label the 3 points on the graph

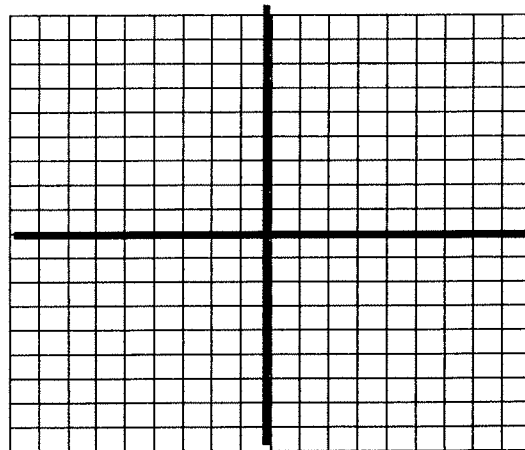
**Equation in slope-intercept form:**

\_\_\_\_\_

**X-Intercept:** \_\_\_\_\_

**Y-Intercept:** \_\_\_\_\_

**Slope:** \_\_\_\_\_



2. Create a line graph from an equation that demonstrates:

- a function
- negative line graph
- manually come up with 3 points, 1 of which crosses the y-axis and 1 of which crosses the x-axis
- draw the line graph based on the 3 points
- label the 3 points on the graph

**Equation in slope-intercept form:**

\_\_\_\_\_

**X-Intercept:** \_\_\_\_\_

**Y-Intercept:** \_\_\_\_\_

**Slope:** \_\_\_\_\_

