**3-1 & 3-3** **Quiz**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Show your work for each step. You can receive partial credit so it is important to show each step.

1. Put the linear equation in standard form. 2. Find the x- and y- intercepts of **7y = x + 21**.

**4y = 16x + 8**

3. a) Graph **3y = -2x - 6** using the x- and y- intercepts.

 b) Is the slope of the line you graphed: positive, negative, zero or undefined?

 c) Find the rate of change of the line you graphed using the slope equation and 2 points on the line.

Remember: $m= \frac{y\_{2}- y\_{1}}{x\_{2}- x\_{1}}$

4. Label each line as having a slope that is either: positive, negative, zero or undefined.