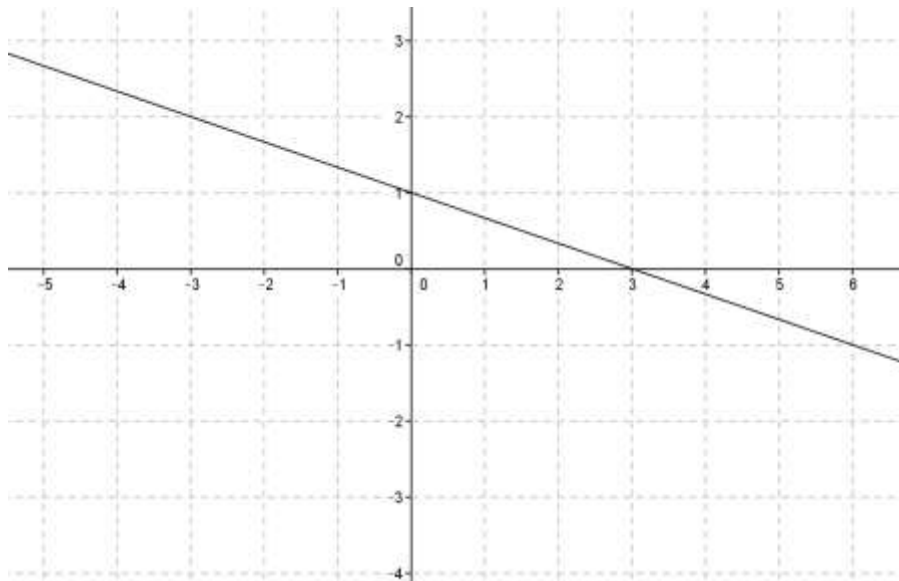Name _____   Date _____

Lesson 20: Every Line is a Graph of a Linear Equation
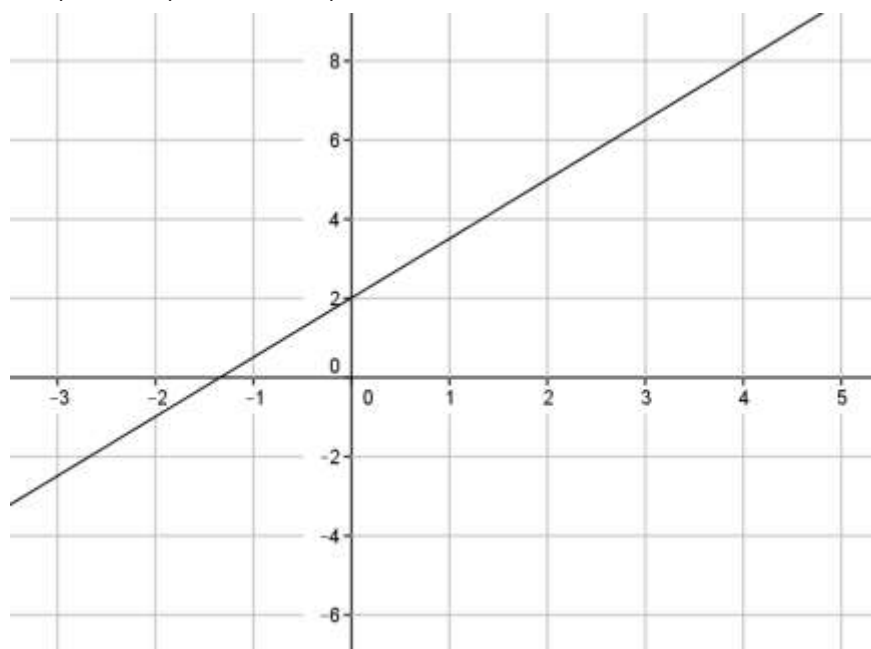
1. Write an equation in slope intercept form that represents the line shown.

Use the properties of equality to change the equation you wrote for problem 1 from slope intercept form, $y = mx + b$, to standard form, $ax + by = c$, where a, b, and c are integers and a is not negative.

2. Write an equation in slope intercept form that represents the line shown.

Use the properties of equality to change the equation you wrote for problem 3 from slope intercept form, $y = mx + b$, to standard form, $ax + by = c$, where a, b, and c are integers and a is not negative.