Student Name:
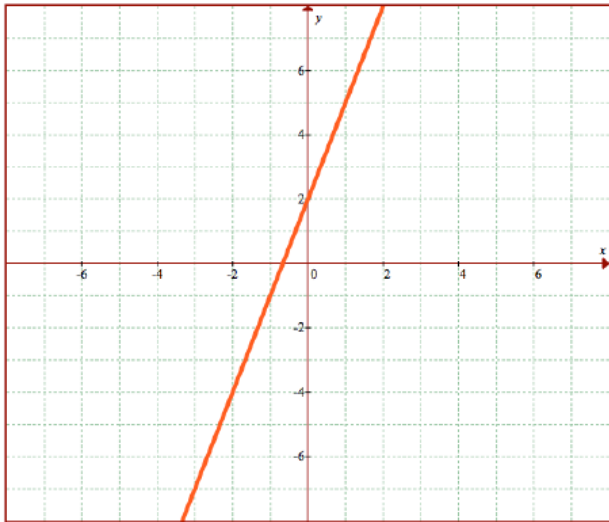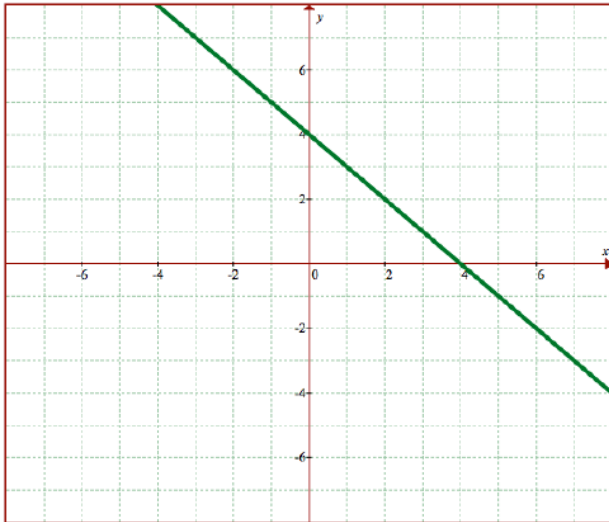
Directions: Answer each question below, showing all pertinent work.

1. Find the slope of the line that connects these points. *reminder: slope is rise over run... change in y over change in x.*

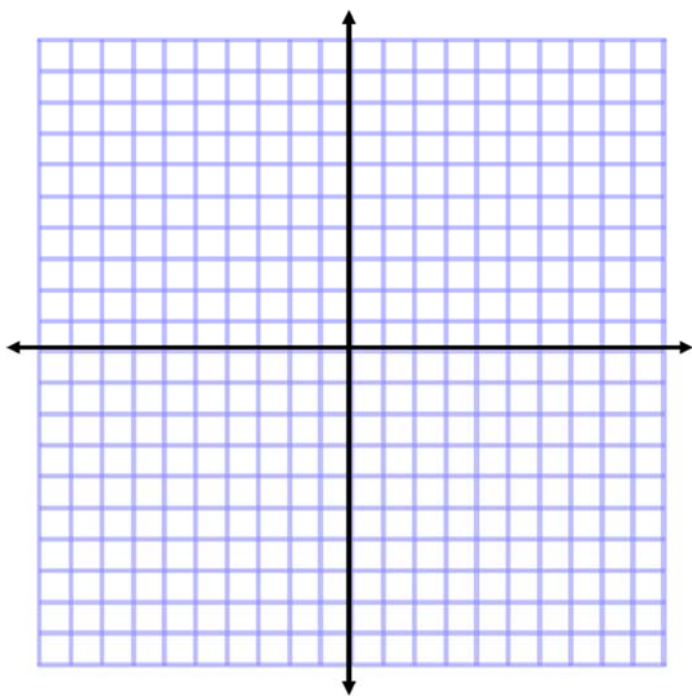| a. (4, 6) and (5, 0)	
b. (-3, -4) and (-2, -10)	

2. Write the equation of each line in slope-intercept form.

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3. Graph the following equations on the coordinate plane.

$$y = \frac{1}{2}x - 4$$	
$$y = -3x + 8$$	