Name:

Date:

School:

Facilitator:

3.04 Graphing Budget Lines

**You are saving for a motorcycle and a jet ski. The motorcycle you have chosen costs two times as much as the Jet Ski so you have decided to set aside twice as much for it out of each of your weekly checks. This week, you have $93 available for savings and entertainment. Graph the budget line using possible amounts of money you might set aside for each of these items in savings. Let the x-axis be the motorcycle and the y-axis be the Jet Ski.**

1. Create a graph that depicts the above information. See the task page for your graphing options.

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2. If you were to save $20 for the Jet Ski, how much would you save for the motorcycle?

3. If you were to save $20 for the motorcycle, how much would you save for the Jet Ski?

4. What is the y-intercept of the line?

5. What is the slope of the line?

6. Write an equation of the line in slope-intercept form?