

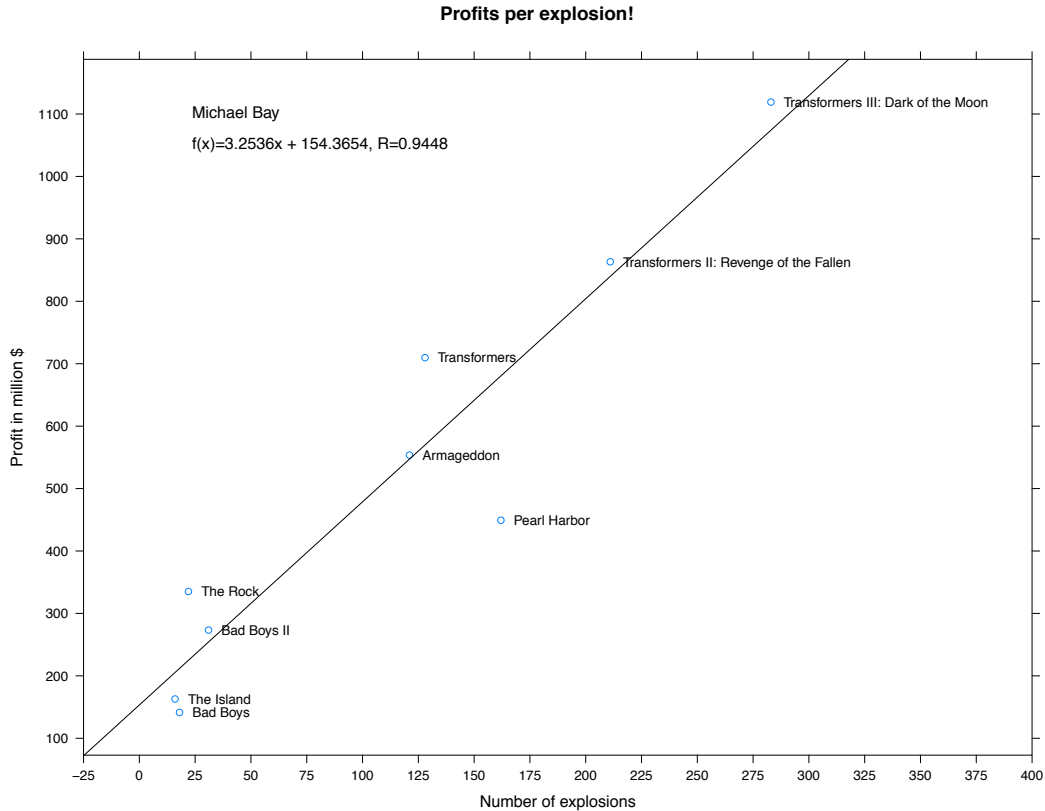
Name: _____

Date: _____

Predicting Values Team Response Sheet

Instructions:

In your student teams, work together to respond to the following questions about the Profits per Explosion graph below. Remember to use your team roles to keep your group on task.



1. What do you notice about where the points are and where the line is?
2. Recall from Algebra that every line can be represented by an equation in the form $y = mx + b$. In this case, the equation of the regression line is $y = 3.2536x + 154.3654$. What do the x- and y-values represent in this equation?
3. According to the equation, what is the slope of this line? What does the slope mean in relation to the number of explosions?

