Rube Goldberg Build

Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Physics Analysis**

Directions: thinking about your machine, answer the following questions in as much detail as possible. Each group member should complete one of the questions below. If your group has two or three members, some group members may complete a second question.

1.Give two examples of where you had to overcome Newton’s First Law of Motion to get your machine to work.

2.Describe a situation in which you needed to play with the balance of F = ma. Did you need to increase the force of some object hitting another to overcome its mass? How did you increase acceleration?