

# What's Your Rate?

NAME \_\_\_\_\_

Work with your group to complete the activities below. Record only your data, not your group's, in the places provided.

1. How many times were you able to complete the following activities in one minute? Only count the whole number of times each activity is completed. Do not count half a jumping jack or a partial letter.

Do jumping jacks \_\_\_\_\_

Say the alphabet \_\_\_\_\_

Hop on one foot \_\_\_\_\_

2. What equation could you use for each of these activities?

Jumping jacks \_\_\_\_\_

Saying the alphabet \_\_\_\_\_

Hopping on one foot \_\_\_\_\_

3. Using this equation, determine how many times could you perform each task in 10 minutes?

Jumping jacks \_\_\_\_\_

Saying the alphabet \_\_\_\_\_

Hopping on one foot \_\_\_\_\_

4. Using the equation, determine how many times could you perform each task in one hour? (Remember to convert to minutes.)

Jumping jacks \_\_\_\_\_

Saying the alphabet \_\_\_\_\_

Hopping on one foot \_\_\_\_\_

5. Using the website, [www.desmos.com/calculator](http://www.desmos.com/calculator), create a graph of each of your equations. Put all three equations on the same graph. Print out your graph and attach it to this paper.