

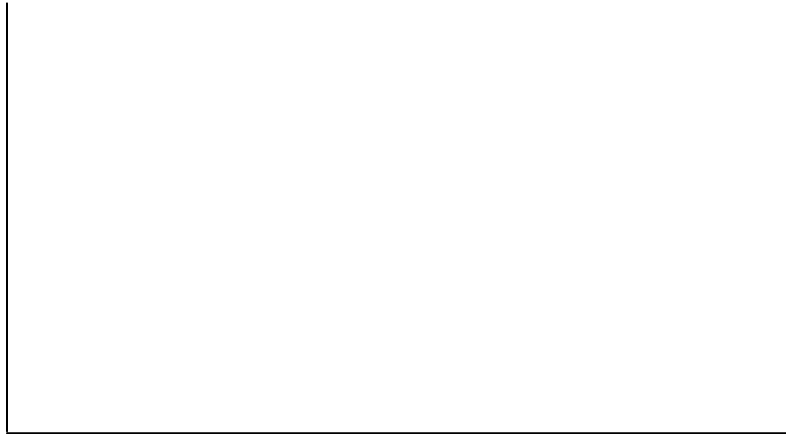
Names: \_\_\_\_\_ Date: \_\_\_\_\_

## Do You Have the Strength? Activity – Tennis Ball Squeeze Worksheet

1. Record your data in the chart below:

Name	Number of squeezes in 10 seconds	Number of squeezes in 30 seconds	Number of squeezes in 1 minute

2. Create a graph with both groups members' results. Be sure the label everything.



3. Using only your graph, could you find out how many squeezes you could do in two minutes? How?

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4. Engineers design devices to fix the heart when something has gone wrong. Imagine that you are an engineer that must design an artificial heart. How would you keep the heart pumping for ten years, plus have the strength to move blood through the body? On the back of this worksheet, draw a design of your heart machine.