| Flip Up Lab Report Experiment # 1 - Spacers |   | ers            | Name<br>Date |                 | Per             |                           |            |
|---|---|----------------|--------------|-----------------|-----------------|---------------------------|------------|
| Que   | stion:                                  |                |              |                 |                 |                           |            |
| Нур   | othesis:                                |                |              |                 |                 |                           |            |
| Con   | trolled Variables:                      | Stick I        | Length       | Mass            |                 | Angle                     |            |
|   | Number of<br>Spacers (pennies)          | Trial1<br>(cm) | Trial 2 (cm) | Trial 3<br>(cm) | Trial 4<br>(cm) | Average<br>Height<br>(cm) |            |
|   | 0                                       |                |              |                 |                 |                           |            |
|   | 1                                       |                |              |                 |                 |                           |            |
|   | 2                                       |                |              |                 |                 |                           |            |
|   | 3                                       |                |              |                 |                 |                           |            |
|   | 4                                       |                |              |                 |                 |                           |            |
|   | 5                                       |                |              |                 |                 |                           |            |
|   | 6                                       |                |              |                 |                 |                           |            |
| Ana   | lyze: Create a line                     | graph usi      | ing your ave | erage heigh     | nt data on t    | he back of t              | his sheet. |
|   | clusion:<br>Inswer the question         | 1              |              |                 |                 |                           |            |
|   | Jse specific quantit<br>o your question |                |              |                 |                 |                           |            |
| 3. F  | Refer to your hypotl                    |                |              |                 |                 |                           |            |
|   | was right/wrong?                        |                |              |                 |                 |                           |            |

| pothesis:    Description of Plip Stick   Trial 1   Trial 2   Trial 3   Trial 4   Average   Height (cm)   Cm)   Cm   Cm   Cm   Cm   Cm   Cm  | ip Up Lab Report<br>operiment # 2 - Flip Stick Length                     |              |               | Name<br>Date Per |              |             |  |  |
|---|---|--------------|---------------|------------------|--------------|-------------|--|--|
| Length of Flip Stick Trial 1 Trial 2 Trial 3 Trial 4 Average (cm) (cm) (cm) (cm) (cm) Height (cm)  1 2 3 4 5 5  | uestion:<br>ypothesis:  |              |               |                  |              |             |  |  |
| Length of Flip Stick (cm) (cm) (cm) (cm) (cm) (cm) (cm) Height (cm)  0  |   |              |               |                  |              |             |  |  |
| (cm) (cm) (cm) (cm) (cm) Height (cm)  0  1  2  3  4  5  malyze: Create a line graph using your average height data on the back of this senctusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question. | ontrolled Variables:  | : Numbe      | er of Spacers | s                | Mass         | Angle       |  |  |
| (cm) (cm) (cm) (cm) (cm) Height (cm)  0  1  2  3  4  5  malyze: Create a line graph using your average height data on the back of this senctusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question. |   |              |               |                  |              |             |  |  |
| 1 2 3 4 5 alyze: Create a line graph using your average height data on the back of this sonclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.  |   |              |               |                  |              |             |  |  |
| 2 3 4 5 salyze: Create a line graph using your average height data on the back of this sanclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.   | 0   |              |               |                  |              |             |  |  |
| 3 4 5  nalyze: Create a line graph using your average height data on the back of this sonclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.  | 1   |              |               |                  |              |             |  |  |
| alyze: Create a line graph using your average height data on the back of this sonclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.  | 2   |              |               |                  |              |             |  |  |
| alyze: Create a line graph using your average height data on the back of this sonclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.  | 3   |              |               |                  |              |             |  |  |
| Palyze: Create a line graph using your average height data on the back of this sonclusion:  Answer the question.  Use specific quantitative data from your average height column to back up the to your question.   | 4   |              |               |                  |              |             |  |  |
| Answer the question.  Use specific quantitative data from your average height column to back up the to your question.   | 5   |              |               |                  |              |             |  |  |
|   | nalyze: Create a line onclusion:  Answer the questio  Use specific quanti | ntative data | from your av  | verage heigh     | nt column to | back up the |  |  |
| Datar ta valir bypathagia. My bypathagia waa  |   |              |               |                  |              |             |  |  |
|   | it was right/wrong?   | (circle one) | )             |                  |              |             |  |  |

| lip Up Lab Report<br>xperiment # 3 - Mass      |                    |                 | Name _<br>Date _ | P               | Per                    |  |  |
|--|--------------------|-----------------|------------------|-----------------|------------------------|--|--|
| uestion:                                       |                    |                 |                  |                 |                        |  |  |
| pothesis:                                      |                    |                 |                  |                 |                        |  |  |
| ntrolled Variable                              | e <b>s:</b> Number | of Spacers      | Stic             | ck Length _     | Angl                   |  |  |
|  |                    |                 |                  |                 |                        |  |  |
| Mass of Aluminum<br>Ball<br>(g)                | Trial<br>1(cm)     | Trial 2<br>(cm) | Trial 3<br>(cm)  | Trial 4<br>(cm) | Average<br>Height (cm) |  |  |
| 1  |                    |                 |                  |                 |                        |  |  |
| 2  |                    |                 |                  |                 |                        |  |  |
| 3  |                    |                 |                  |                 |                        |  |  |
| 4  |                    |                 |                  |                 |                        |  |  |
| 5  |                    |                 |                  |                 |                        |  |  |
| nalyze: Create a lonclusion:  Answer the quest |                    |                 |                  |                 |                        |  |  |
| Use specific quaranswer to your quaranswer     |                    |                 |                  |                 |                        |  |  |
| Refer to your hyp                              | oothesis. M        | y hypothesis    | s was            |                 |                        |  |  |
| It was right/wrong                             | g? (circle on      | ie)             |                  |                 |                        |  |  |
| Whv?   |                    |                 |                  |                 |                        |  |  |