

### *Data Table Extension*

**Record your results from the bubble gum lab below:**

<b>Bubble Gum Lab</b>	
<b><i>Gum condition</i></b>	<b><i>Measurement of Mass in _____</i></b>
<i>BEFORE chewing</i>	
<i>AFTER chewing</i>	
<i>CHANGE in mass (subtract the two masses)</i>	

**Below combine both your results and your partner's results in a new data table:**

***Hint: What parts of the data table will need to change in order to include more information?***

**Question: Does tucking your legs to your chest (Cannon Ball) when jumping into a pool cause more water to splash out of the pool?**

**Hypothesis: Jumping with your legs tucked will splash more water out of the pool. This is because it creates more surface area and will splash a greater volume out of the pool.**

*You perform 3 straight leg jumps (Pencil Jumps). The amount you splashed out each time is listed below:*

*1st jump: 2 L*

*2nd jump: 2.4 L*

*3rd jump: 1.6 L*

*You then perform 3 tucked leg jumps (Cannon Balls). The amount you splashed out each time is listed below:*

*1st jump: 6.2 L*

*2nd jump: 5.9 L*

*3rd jump: 7.18 L*

**Create a data table for this experiment. Include the information from all three trials. Also include a space to show the average amount of water splashed.**