



**Group #** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Student Name:** \_\_\_\_\_

**Partner's Name:** \_\_\_\_\_  
\_\_\_\_\_

### **Test your Prototype - Collect your Data**

#### **Design 1**

**1. For about how far did your car travel in the first trial? How does this distance compare to the 100 cm goal? (Round the number to the nearest ten).**

**2. What factors (like wheel alignment, balloon size, or body design) might have affected your car's distance?**

**3. Was your car stable during its movement, or did it wobble or tip over? How can you improve its stability for the next trial?**

**4. What changes could you make to improve your car's performance for the next trial?**