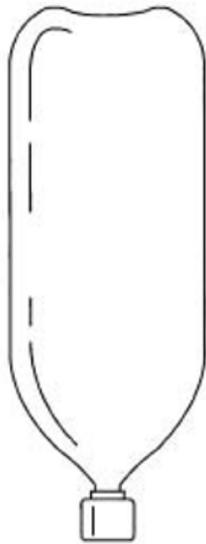


Rocket and Flight Information for Name: \_\_\_\_\_ TEAM: \_\_\_\_\_

<u>Observations and Data</u>	<u>Flight Phase 2</u> Date: _____ Date: _____		<u>Post Flight Analysis</u>
<b>Mass of Rocket</b> (Rocket without water in grams)			1. How did this launch compare to the previous launch ( <i>i.e.</i> height, flight path, time in air, parachute deployment, speed)? _____ _____ _____
<b>Length of Rocket</b> (nose to lowest point in cm)			
<b>Fin Shape, # of fins &amp; location</b>	<u>Fin Shape</u>	<u># of Fins; Location</u> 	2. Did your rocket have any errors or malfunctions during the launch? Explain. _____ _____
<b>Time in the Air</b> (From take-off to landing in <u>seconds</u> )	<u>1<sup>st</sup> attempt</u>	<u>2<sup>nd</sup> attempt</u>	3. Which part of your rocket design was the biggest factor in how its performance changed (good or bad)? _____ _____
<b>Uptime</b> (time from launch to highest point in <u>seconds</u> )	<u>1<sup>st</sup> attempt</u>	<u>2<sup>nd</sup> attempt</u>	
<b>Flight Altitude (m)</b> (divide your answer by 2 to get your altitude)	<u>1st attempt</u>	<u>2nd attempt</u>	4. Do you feel that the weather played a role in your rocket's performance? Explain. _____ _____
<b>Path of the Flight</b> ( <u>BE DESCRIPTIVE</u> : straight, curved, spiral, etc.)			5. How are you and your partner currently working together? If you have no partner, do you feel that this project has been manageable for you? _____ _____
<b>Weather Conditions</b> (i.e. temperature, wind speed, sunny, cloudy, rainy, etc...)	Date: Temp: Sky: Wind:	Date: Temp: Sky: Wind:	_____ _____ _____

Rocket and Flight Information for Name: \_\_\_\_\_ TEAM: \_\_\_\_\_

Draw a technical model of your modified rocket. Add labels where they apply to identify each rocket **feature**. Be sure to include technical specifications (**measurements of length, width**, angles, quantities, shape, etc...) w/units of the various parts of your rockets.



*Draw a model showing your best rocket flight from phase 2 launch. This model will explain what your rocket looked like from the altimeter's point of view (75m). Include your flight data and add any forces that you think were involved.*