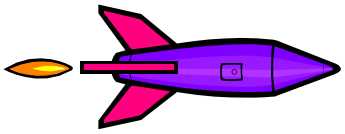
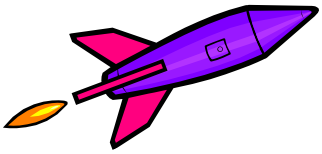
Name: _____ **Date:** _____



Rocket Flight Worksheet



1. Record the distance the balloon traveled for the flights when the string was **flat**.

Flight Number	Distance Traveled	Unit of Measure
1		
2		
3		

2. Record the distance the balloon traveled for the flights when the string was **angled up**.

Flight Number	Distance Traveled	Unit of Measure
1		
2		
3		

3. Did the rocket move further when the string was flat or when it was inclined? Why?

_____

_____

_____

4. Draw a picture that describes Newton's third law of motion: For every action, there is an equal and opposite reaction. (Draw your balloon rocket and use arrows to show the action and reaction directions.)

5. List two different types of engineers who work on rockets.

_____

_____