



Transportation

Rockets: Paper Rocket Experiment

Name: _____ Date: ____/____/____ Per: _____

Note : Each tile is 12 inches. All rockets should be flown at an angle of 30 degrees.

Rocket 1	Notes about your flight
Weight of Rocket _____grams Distance 1: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 2: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 3: Number of Tiles _____ Inches _____ _____ ft _____ in Now find the Average Distance _____ in	

On the back of this sheet sketch this rocket and mark where the center of pressure and the center of mass are.

Rocket 2	Notes about your flight
Weight of Rocket _____grams Distance 1: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 2: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 3: Number of Tiles _____ Inches _____ _____ ft _____ in Now find the Average Distance _____ in	Did rocket 2 fly better or worse than rocket 1? _____ Why do you think this happened? _____ _____

On the back of this sheet sketch this rocket and mark where the center of pressure and the center of mass are.

Rocket 3	Notes about your flight
Weight of Rocket _____grams Distance 1: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 2: Number of Tiles _____ Inches _____ _____ ft _____ in Distance 3: Number of Tiles _____ Inches _____ _____ ft _____ in Now find the Average Distance _____ in	Did rocket 3 fly better or worse than rocket 1? _____ Did rocket 3 fly better or worse than rocket 2? _____ Why do you think this happened? _____ _____

On the back of this sheet sketch this rocket and mark where the center of pressure and the center of mass are.