

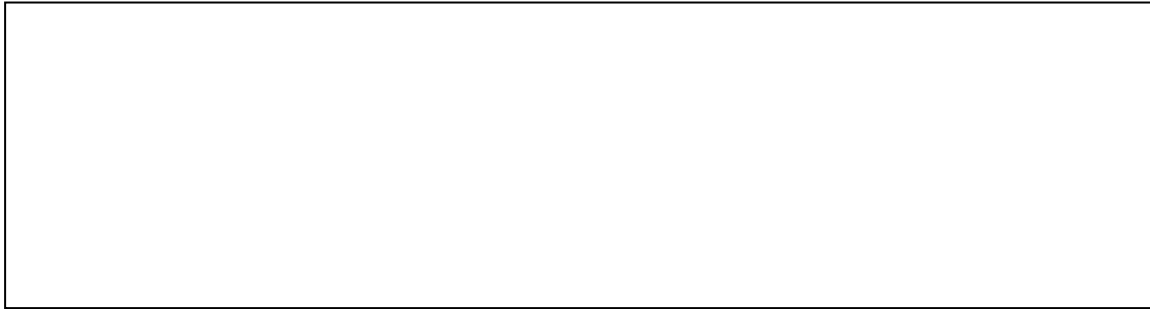
Name: _____ Date: _____

Strawkets and Weight Activity – Weight Analysis Worksheet 1

Part 1 – Paper Clip Tail Strawket

To find the center of gravity (CG) on your strawket, balance the strawket on its side on your finger. The spot touching your finger is the CG.

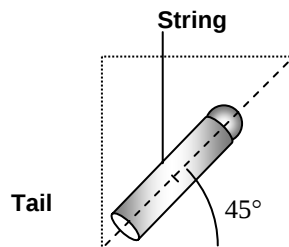
Sketch your strawket and mark the CG with a ⊗.



With no paper clips attached, could your strawket land in the cup on its tail? _____

How many paper clips did it take? _____

Add paper clips until the rocket hangs at a 45 degree angle like the following:



How many paper clips did it take? _____

Find the NEW CG and label it on your diagram.

Name: _____ Date: _____

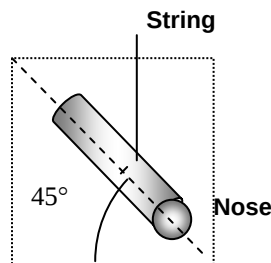
Part 2 – Paper Clip Nose Strawket

Sketch your strawket and mark the CG with a ⊗.

With no paper clips attached, could your strawket land in the cup on it's nose? _____

How many paper clips did it take? _____

Add paper clips until the rocket hangs at a 45 degree angle like the following:



How many paper clips did it take? _____

Find the NEW CG and label it on your diagram!

Why is this result different from number of paper clips on the tail?