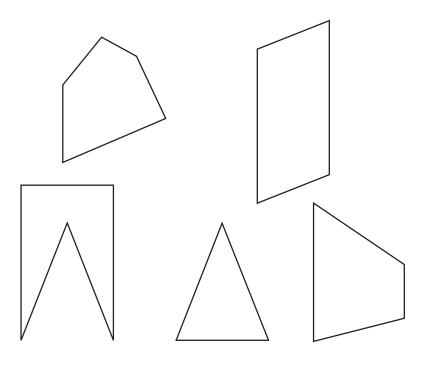
Name\_

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## **Center of Gravity Worksheet**

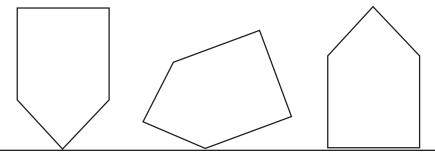
## Data Table

Sketch the position of the lines drawn on each polygon shape.



## **Post-Lab Questions**

- 1. Define the center of mass of an object.
- 2. Describe a test that could be used to verify whether a point on an object was indeed the center of mass.
- 3. Assuming that the objects all have the same uniform density throughout, rank the following objects from most stable to least stable, and explain your reasoning.



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