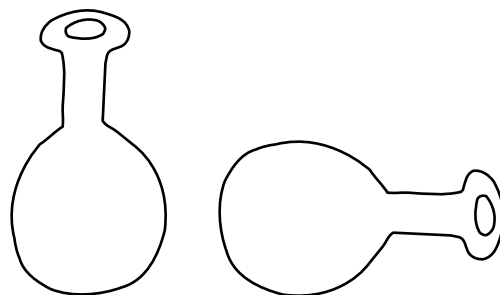


Worksheet for Center of Mass Bottles

Center of mass, also known as center of gravity, is the term used to describe an object's point of equilibrium, or the average location of all its mass. Keep in mind the term center of mass, as you complete the following questions.

1. Your instructor was able to make the bottle lie on its side without any difficulty. Why were you unable to do the same?

2. The following diagram represents the center of mass bottle that your instructor handed you, which you were unable to place on its side. Using your best approximation, draw the “⊕” symbol on the diagram of the bottle below to show its center of mass.



3. The following diagram represents the center of mass bottle that your instructor placed on its side. Using your best approximation, draw the “⊕” symbol on the diagram of the bottle below to show its center of mass.

