

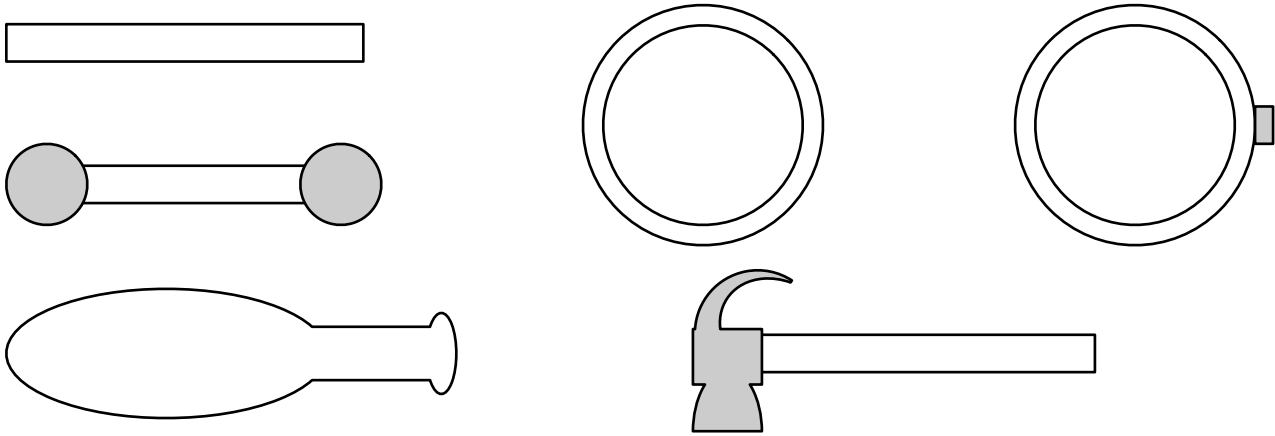
Cycle 21 CM & Rotation

name: _____

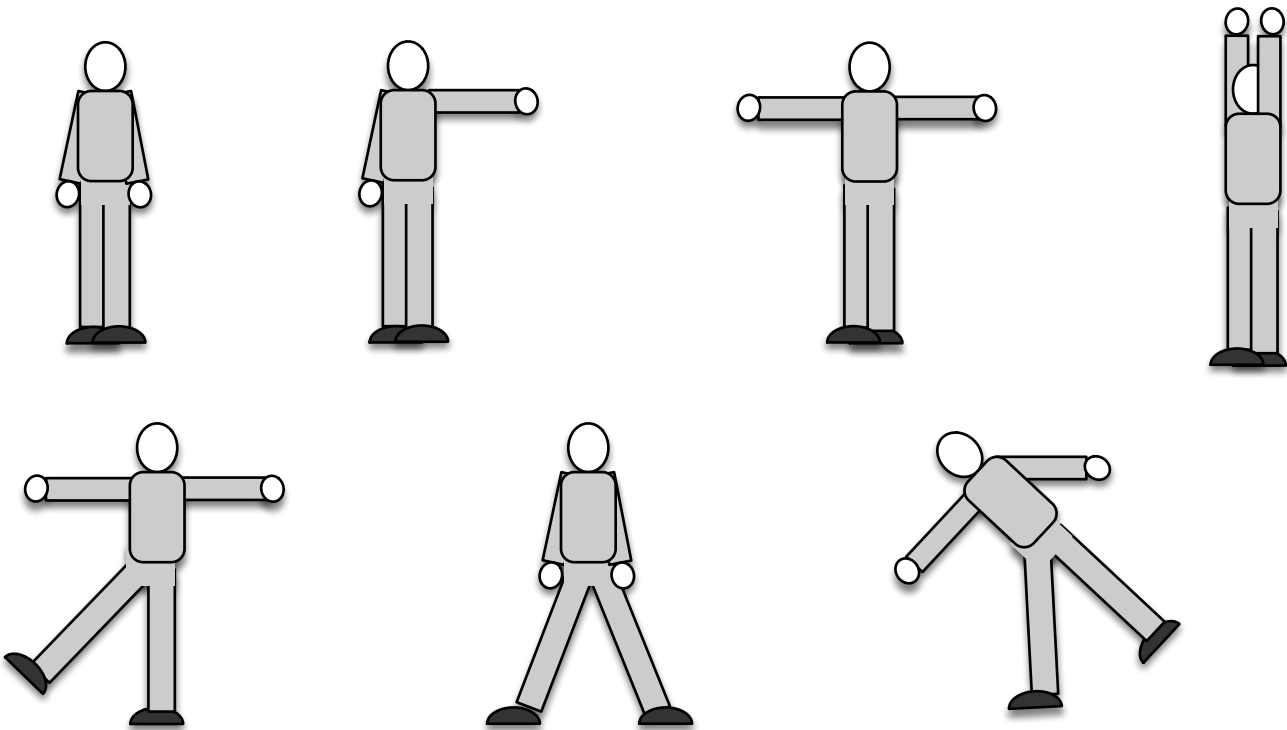
1. Locating CM

1. State two ways to find the center of mass.

2. For each object label its center of mass with an x and label it CM.
(Assume white = wood; gray = steel.)



3. This is the same person is different positions. Mark the center of mass with an x and label it CM.



4. Mark the center of mass of each letter with an x.

A C E H
L O T U

5. Do you think it's possible for a person to get the center of mass outside of their body? If not, why not? If so, how?

6. Why would a car's center of mass not be in the center of the car? Where is it?



7. Open Photo Booth. Film the toss and spin one of the juggling pins. Show Mr. Mont where the center of mass is.

Mr. Mont
Stamps
Here.

8. This is Keith (class of 2015).
Mark his center of mass with an X.

