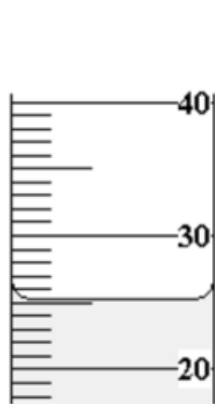


- When we measure how much space something takes up, we are measuring its _____.
- How many milliliters of liquid are in each graduated cylinder? Record the measurement on the lines below.



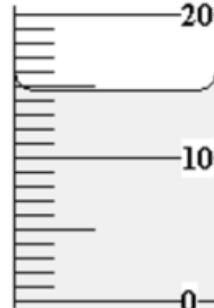
a) _____



b) _____

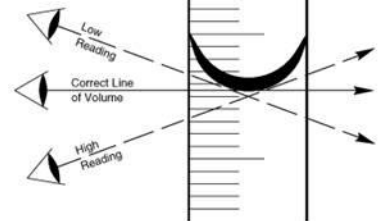


c) _____

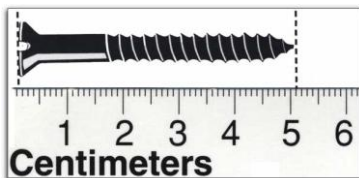


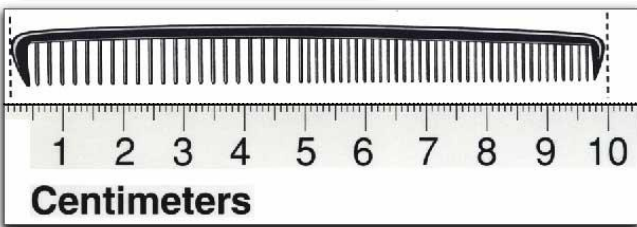
d) _____

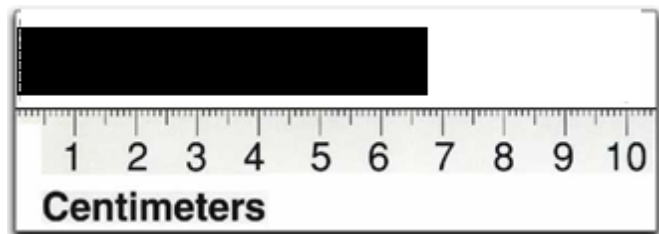
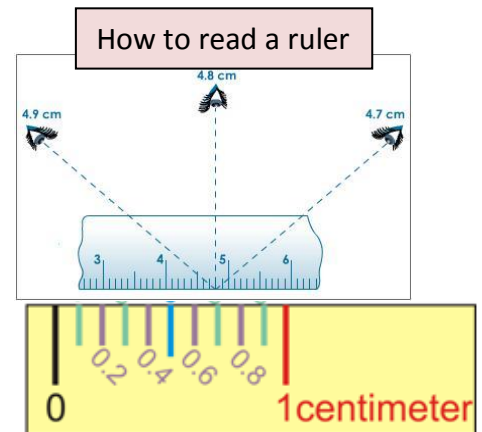
How to read a graduated cylinder



- How many centimeters long is each object if it begins at 0 cm? Record the measurement on the lines below.

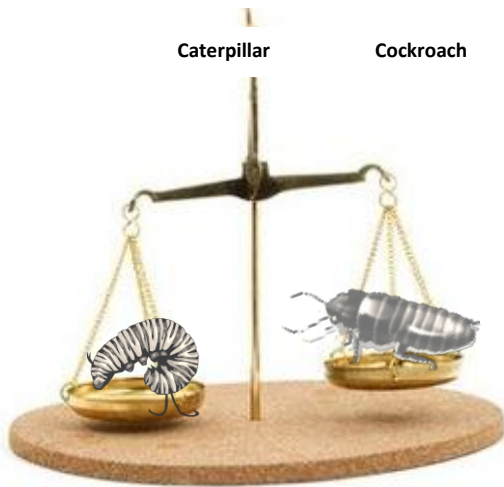






- Besides length, what else would you have to measure about these objects to find their volume?

PS HW 1-3 Mass and Volume Practice Homework



5. How does the amount of matter the caterpillar is made from compare to the amount of matter the cockroach is made from? How do you know?

6. What would have to be true about the caterpillar and cockroach if the equal arm balance was exactly in the middle? Why?

7. When we measure how much material makes up something, we are measuring its _____ (science word).

8. Tien and Kideja each have a smart phone but one is a Samsung and one is an iPhone. They have been arguing whether they are the same mass or if one is less massive than the other. The problem is that they live in different cities and can't compare them side by side *and the internet is not working*. They each happen to have an equal arm balance. Explain how they could provide evidence, using the equal arm balance that the phones have the same mass or that one is less massive than the other:

