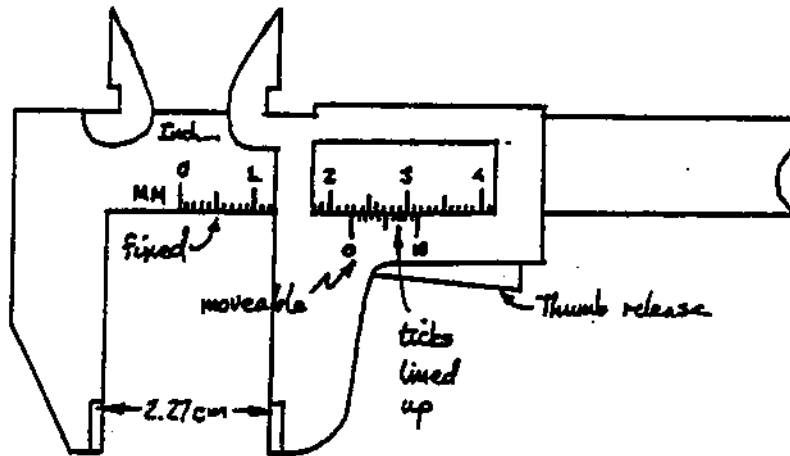


Appendix 1: Vernier Calipers

The calipers that you will use can measure thicknesses to 0.01 cm, using the following method:

- Place the object in the calipers.
- Push on the thumb release and close the calipers until they clasp firmly onto the object. **Do not use excessive force.**
- To read the measurement, look at the 0 tick on the movable scale in relation to the fixed scale. The nearest tick to the left gives the thickness to 0.1 cm.
- To find the 0.01's place, find a tick on the movable scale which lines up with a tick on the fixed scale. The tick number on the moveable scale is the 0.01's place. (The number on the fixed scale is irrelevant).

Example:



In the figure above, the measured object has a total thickness of 2.27 cm.