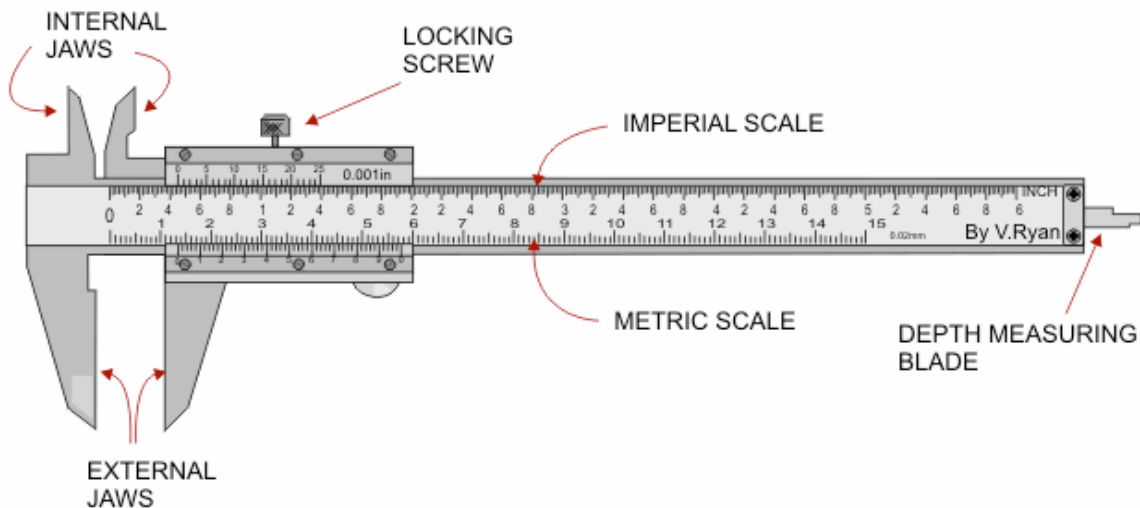




Work and Energy

- ▶ Avoid friction: the string should pass over the end stopper so that it does not rub
- ▶ In “gate mode” the timers will measure how long the photocell was blocked by the flag. Thus the speed can be found when the flag was passing under the photocell by $v = (\text{width of flag}) / (\text{recorded time})$
- ▶ Flag width can be measured using Vernier calipers



2 cm

3 cm

Q: What is this reading?

A: 2.68 cm

0 1 2 3 4 5 6 7 8 9