

REVIEW QUESTIONS

Inch Vernier Calipers

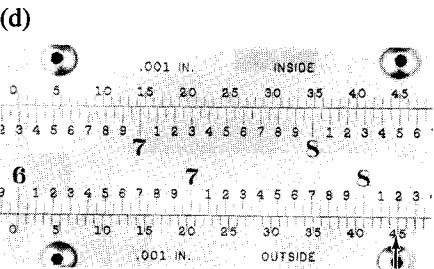
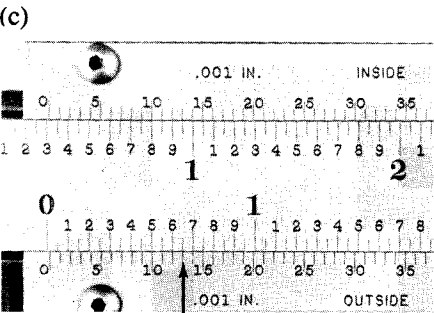
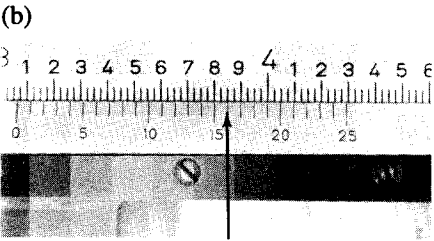
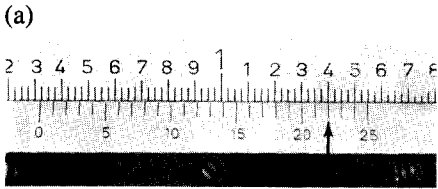
1. How are vernier calipers graduated in order to make inside and outside measurements?

2. How are the following parts of a 50-division inch vernier caliper graduated?

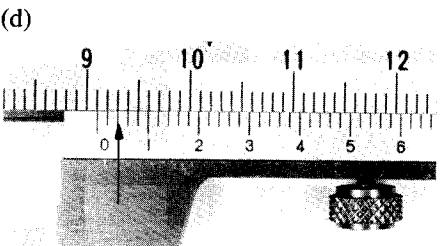
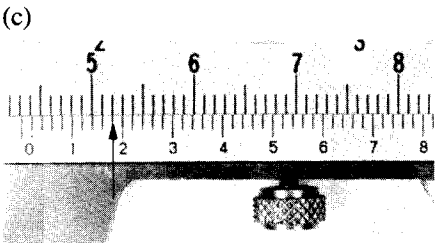
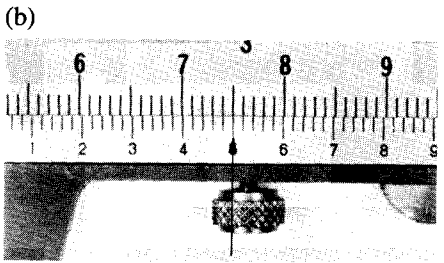
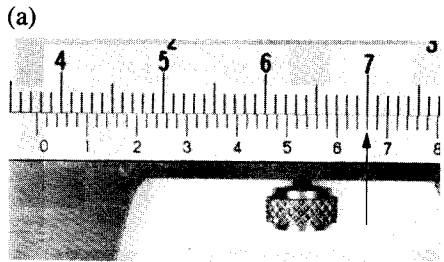
- (a) The bar
- (b) The sliding jaw

3. What is the *value* of one division on any inch vernier caliper?

4. What are the following inch vernier caliper settings?



6. What is the value of each?
- (a) Numbered division on the main scale
 - (b) Small division on the main scale
 - (c) Division on the vernier scale
7. What is the reading of the following metric vernier caliper settings?



Metric Vernier Calipers

5. What is the relationship between the graduations on the main scale and the vernier scale on a metric vernier caliper?