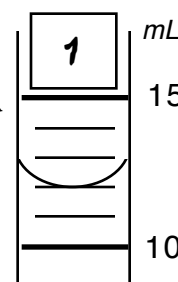


+ Sig Fig / Measuring Lab

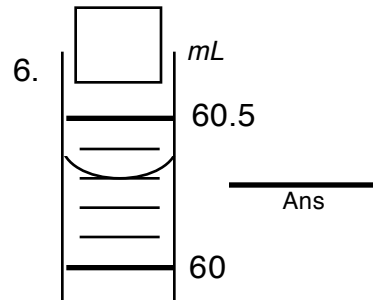
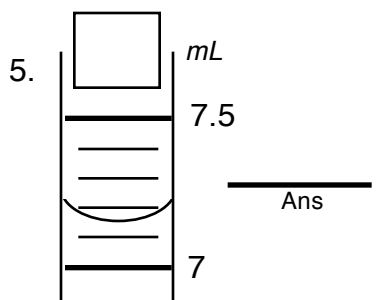
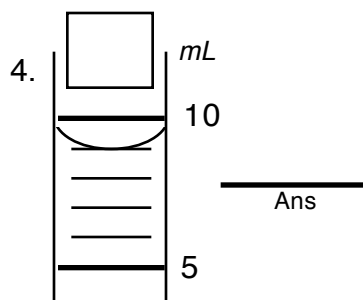
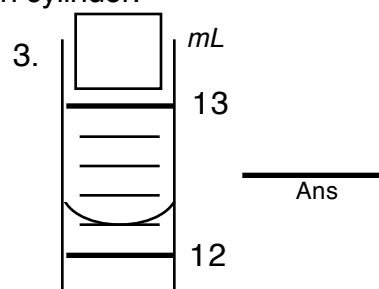
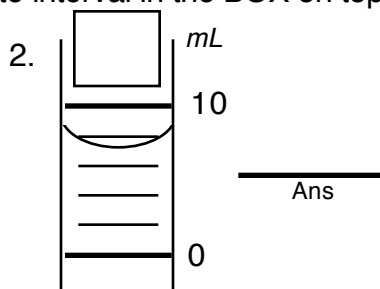
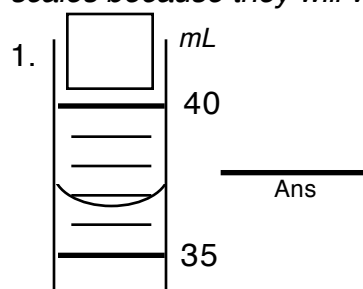
Name: _____

Partner: _____

Making measurements in the lab requires reading a piece of lab equipment. It is your duty to not only report the measurement, but the **accuracy** of the measurement as well. For example, the volume on this graduated cylinder should be recorded as **12.0 mL**, since the scale can be estimated out to the tenth's place. If you read it as 12 mL, you aren't communicating the accuracy of the scale!



Pre-Lab: Record the volume of the following graduated cylinders. Be sure to use proper sig figs, and read the **bottom** of the meniscus. Watch the **interval** on the scales because they will vary! Write interval in the BOX on top of each cylinder.



Now go through each of the lab stations, recording the proper measurement in the spaces below.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Bonus! _____

General Rule: Always read a graduated cylinder _____ place value more accurately than the _____'s place value