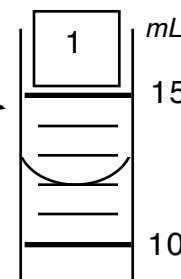


Sig Fig / Measuring Lab

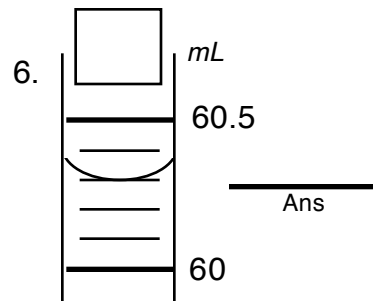
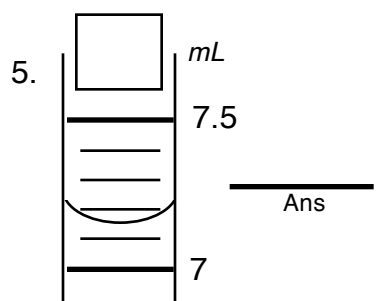
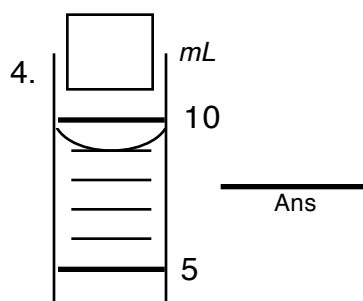
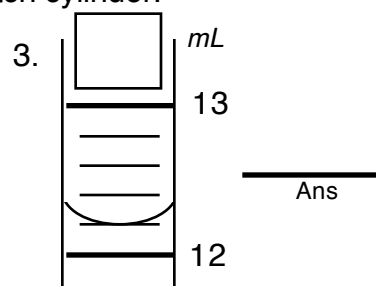
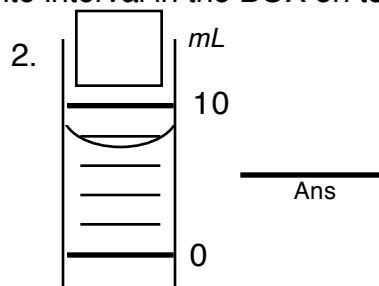
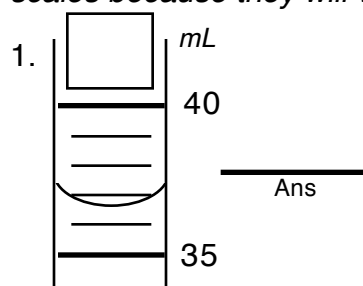
Name: _____

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.



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

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

Warning! One of the 12 stations is impossible...

...mark this one with an "X". Explain why it's impossible.

1. _____

7. _____

2. _____

8. _____

3. _____

9. _____

4. _____

10. _____

5. _____

11. _____

6. _____

12. _____

Bonus! _____