

1. The lines on the graduated cylinder every 1 mL. Since the line is between 36 mL and 37 mL I estimate the last place value to be 36.8 mL
2. The ruler says each little line represents a mm so that makes the big numbers cm. The object measures out to be between 5.7 and 5.8 cm so I estimated the value to be 5.75 cm
3. On the thermometer, each line represents 1 °C. The temp is somewhere between -19°C and -20°C. Its closer to -20°C so I'm going to estimate it to be about -19.8°C. If you decide that it is EXACTLY -20°C then the estimated last place value will be 0 making the measurement -20.0°C
4. The lines represent 0.1 mL so the bottom of the meniscus fall just above 6.3 mL so I estimate the last place value to be 6.31 mL