

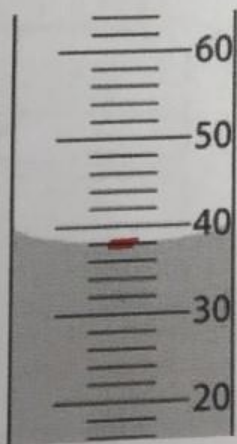
Measuring Volume of a Liquid

To measure the volume of a liquid a useful tool is a

Graduated cylinder. The unit of volume measured in a graduated cylinder is the milliliter (ml). When liquid is poured into a graduated cylinder it won't settle into a straight line, but the liquid will tend to curve downward. This curve is called the meniscus.

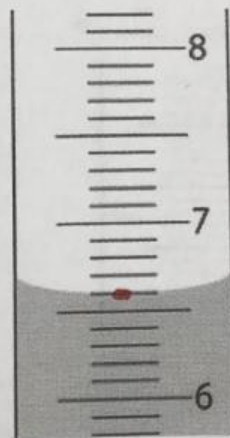
Steps to use a graduated cylinder:

1. Pour the liquid into the graduated cylinder – careful when pouring and use a funnel if necessary.
2. Place the graduated cylinder on a flat surface.
3. View the height of the liquid in the cylinder at eye-level.
4. Always measure from the bottom part of the meniscus.
5. Make sure to note the increments used on the graduated cylinder.



38 mL

read from
the
bottom
of the
meniscus

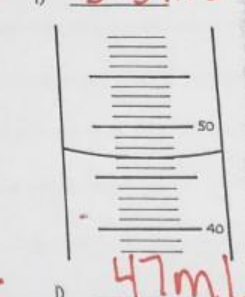
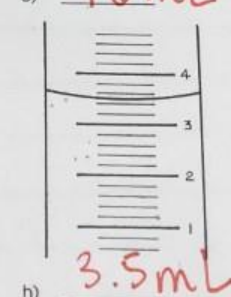
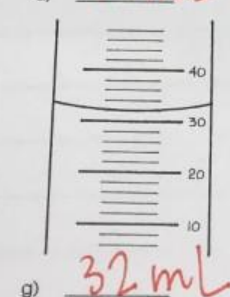
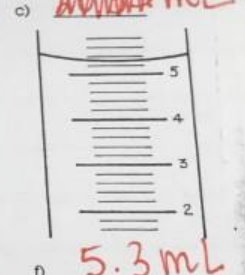
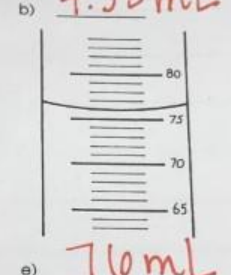
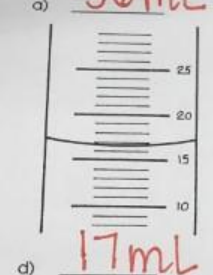
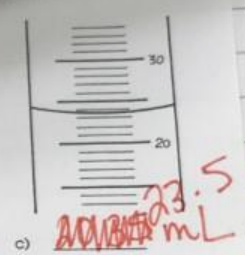
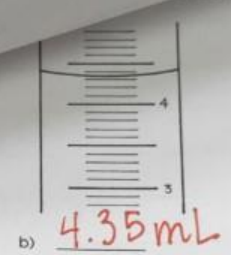
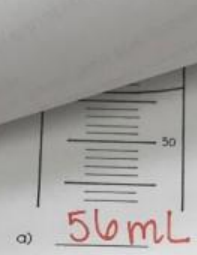


6.6 mL

38 mL

meniscus of the liquid is not flat

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November 2019

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MICHIGAN SCHOOLS & GOVERNMENT

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