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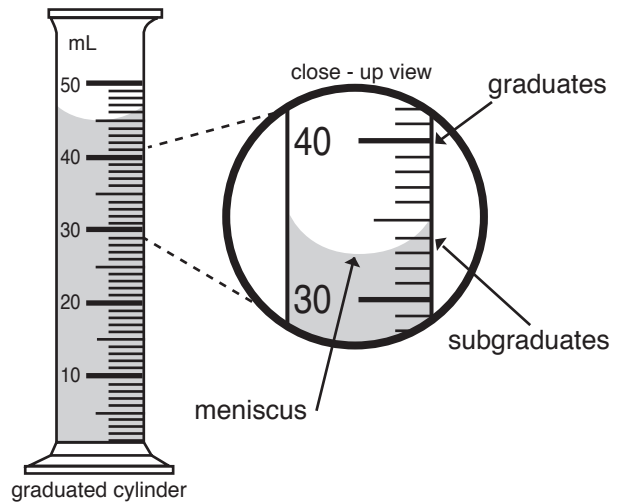
DATE:

# GRADUATED CYLINDERS

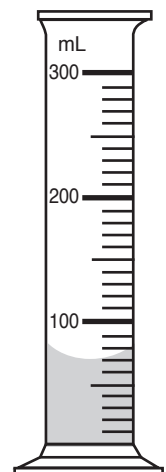
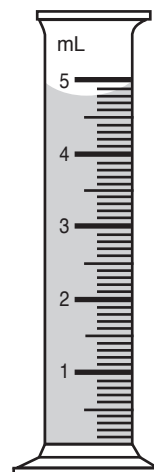
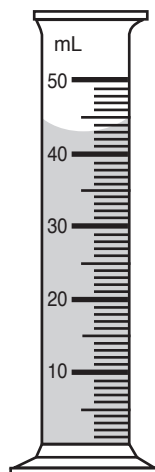
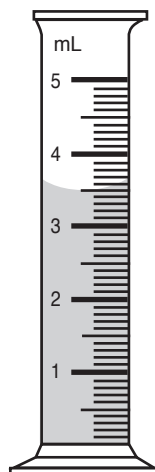
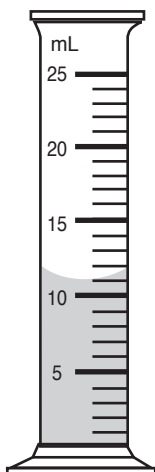
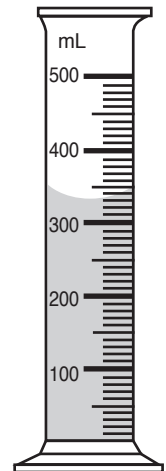
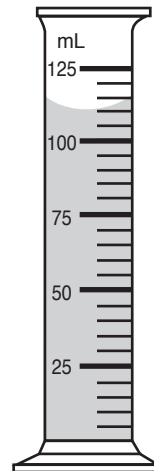
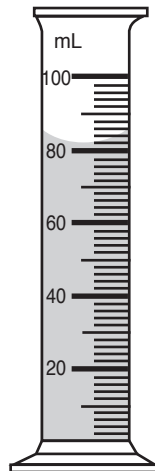
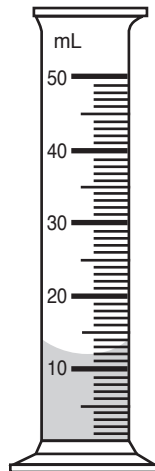
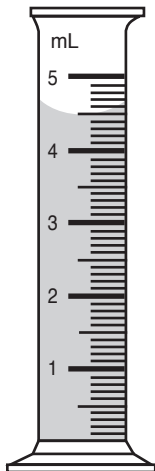
Graduated cylinders are used to measure the volume of liquids. Measuring liquids in graduated cylinders can be tricky because the liquid surface is curved.

This curved surface is called the **meniscus**. A meniscus forms because the liquid molecules are more strongly attracted to the container than to each other.

To properly measure the volume of a liquid in a graduated cylinder you must be at eye-level and read the bottom point of the meniscus.



1. Measure the amount of liquid in the graduated cylinder
2. Record the measurement below. Remember to include mL in your answer.



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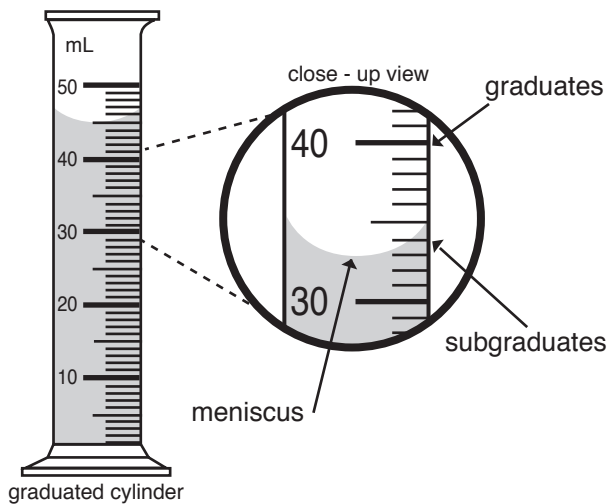
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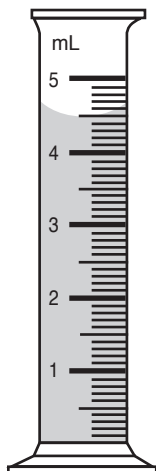
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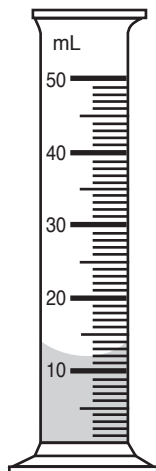
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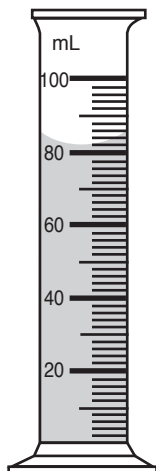
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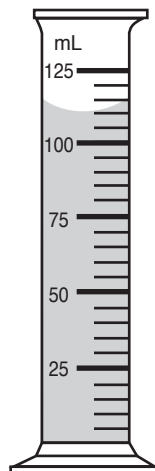
4.5 mL



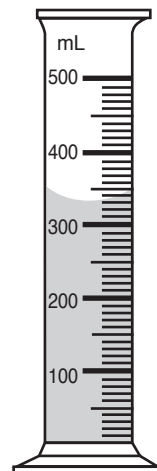
12 mL



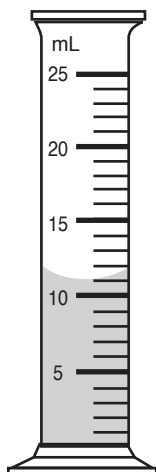
82 mL



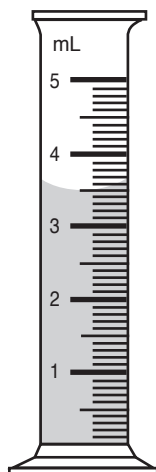
4.5 mL



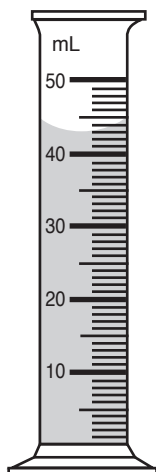
330 mL



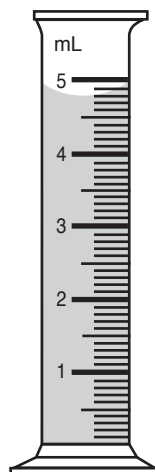
11 mL



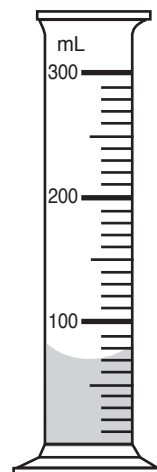
3.5 mL



43 mL



4.8 mL



70 mL