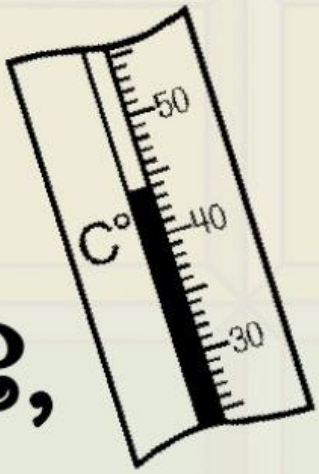
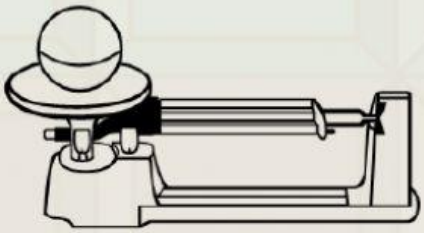
Measurement Practice



Volume, Temperature & Mass



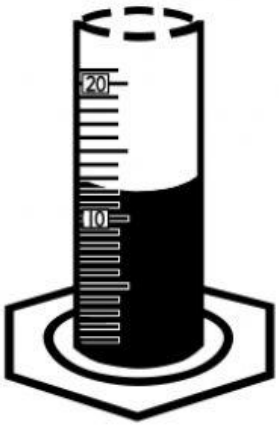


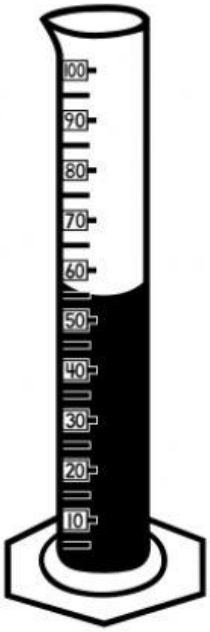
Volume

Volume is how much space matter takes up. Volume can be measured with many different tools, including graduated cylinders.

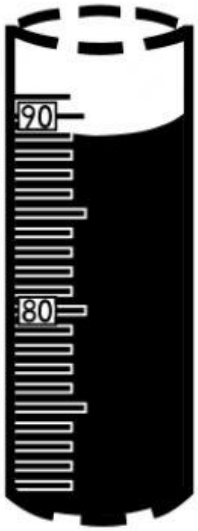
To read a graduated cylinder, place it on a flat surface and read the liquid level at eye level. It is very important to read the liquid level at the bottom of the curve or meniscus.

Record the volume of the liquid in the graduated cylinder in milliliters.









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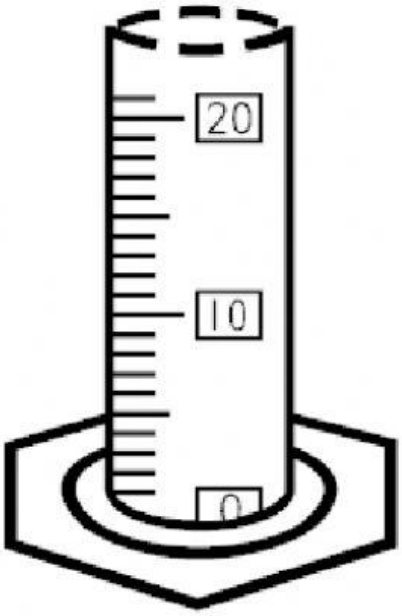
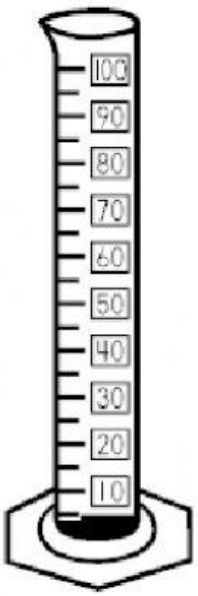
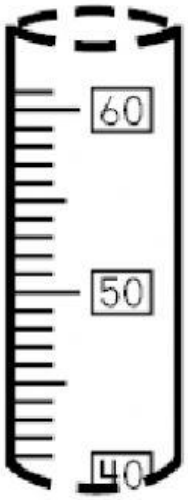
Draw the correct liquid level on these graduated cylinders:



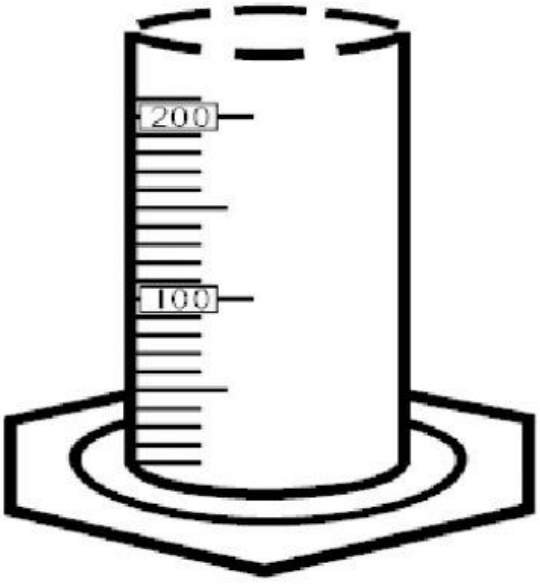
17 ml.



65 ml.



49 ml.



140 ml.

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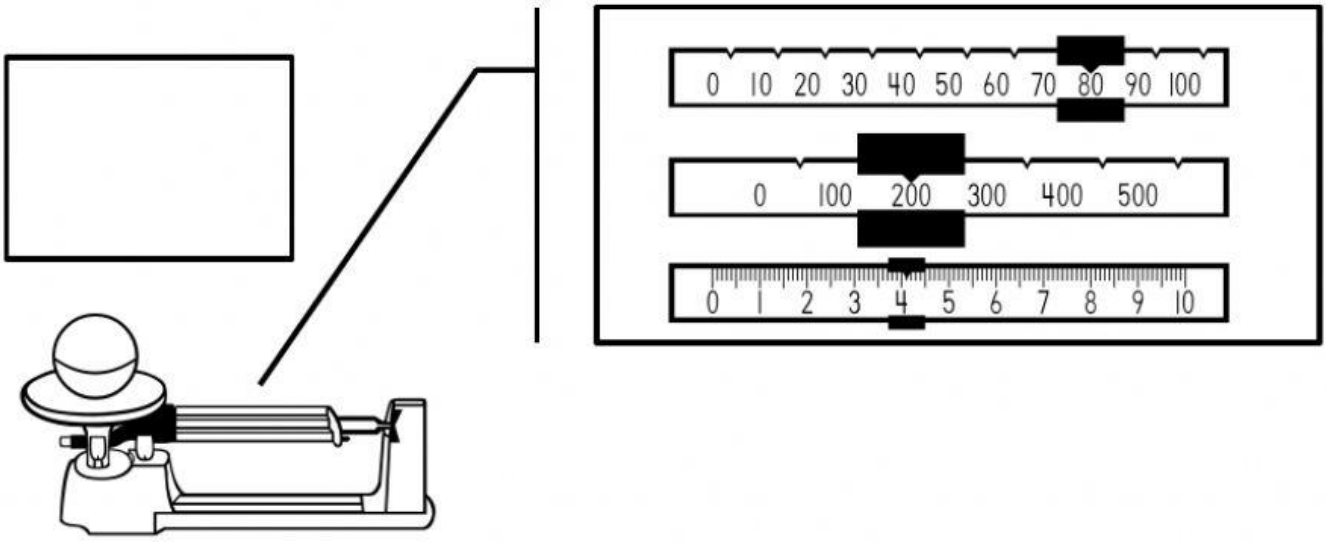
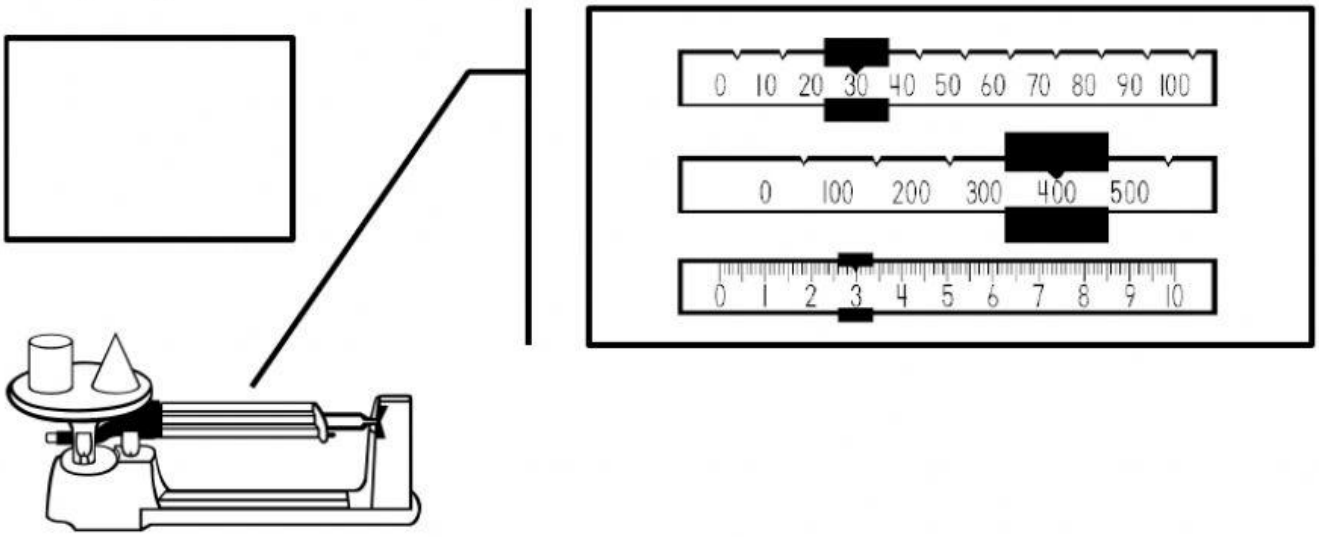
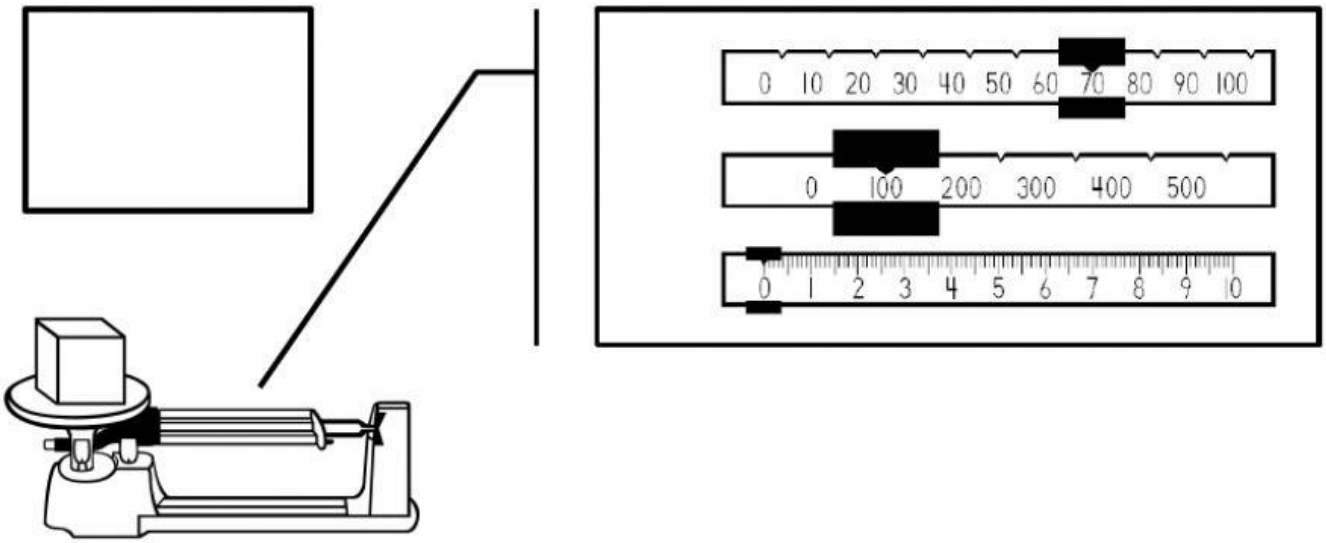
Mass is how much matter is in an object. A balance measures mass. Triple beam balances and pan balances both measure mass. Record the mass shown in grams.







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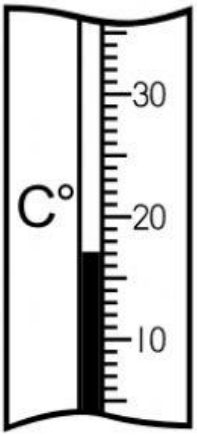
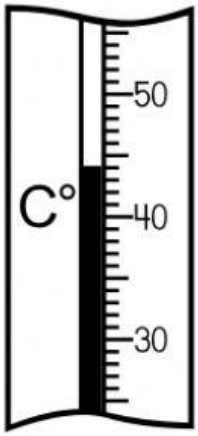
Temperature measures the speed of the molecules in matter. Thermometers measure temperature.

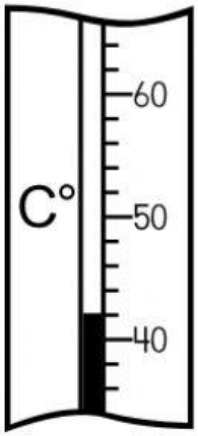
Record the temperature on the thermometers in °C



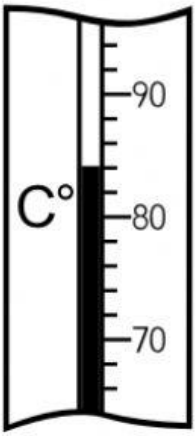




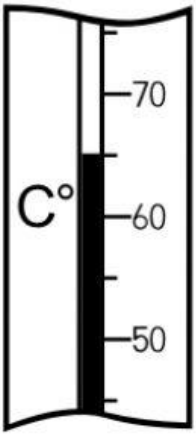




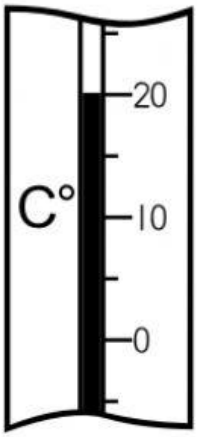














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