Name: _____ Date: _____ Period: _____

Reading Liquid Levels in a Graduated Cylinder

Graduated cylinders are commonly used to measure the volume of water. When liquids are poured into a graduated cylinder, the liquid adheres to the sides of the cylinder causing the volume level to dip or curve lower in the middle. The name of this dip or curve is called a *meniscus* (Fig. A). When reading the volume level in a graduated cylinder, the lowest level of the *meniscus* is used to determine the exact amount of liquid in the cylinder. As seen in Figure B, this reading will only be accurate when the reading is taken at eye level.

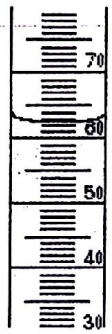


Figure A

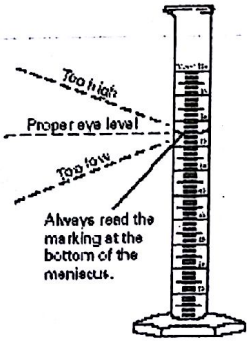
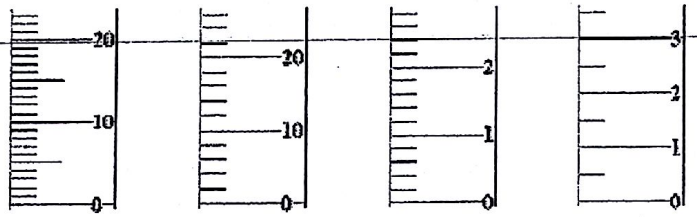


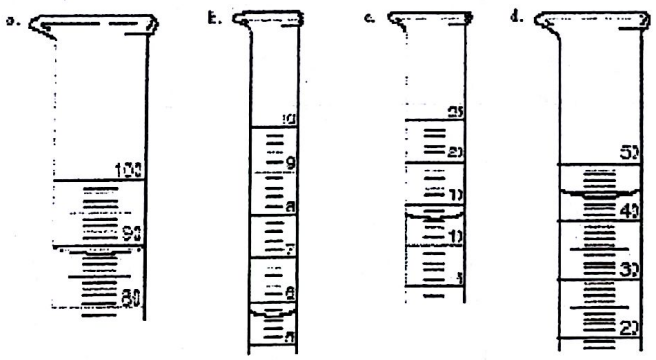
Figure B

The scale of a graduated cylinder can vary depending on the size and make of the cylinder. Indicate the number that the smallest unit represents on each of the graduated cylinders below.



_____ _____ _____ _____

Record the amount of liquid in each graduated cylinder below. Record the amount using one decimal place and label your units in mL.



_____ _____ _____ _____

Name: _____ Date: _____ Period: _____

Record the amount of liquid in each graduated cylinder below. Record the amount using one decimal place and label your units in mL.