

Name _____

period _____

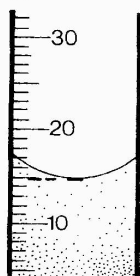
Science Skills 6

Reading a Graduated Cylinder

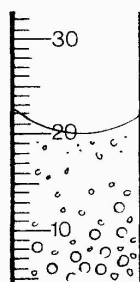
Small quantities of liquid can be measured using a graduated cylinder. In glass graduated cylinders the liquid curves up at the side of the cylinder. This curve is called the **meniscus**. This curve does not happen in plastic graduated cylinders. To get an accurate reading, read the measurement at the **bottom of the curve** or the meniscus. (See the line drawn for #1 as an example.)

Read the following volumes.

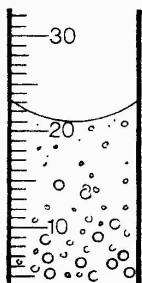
1. _____ ml



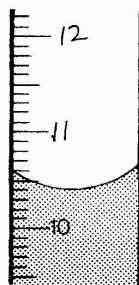
5. _____ ml



2. _____ ml



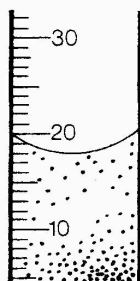
6. _____ ml



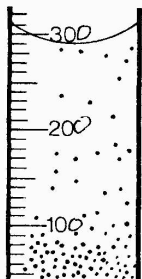
3. _____ ml



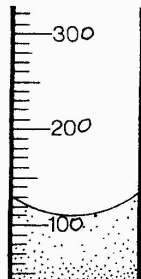
7. _____ ml



4. _____ ml



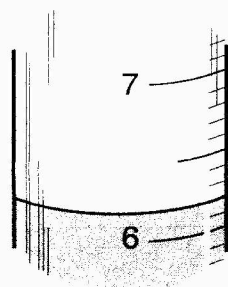
8. _____ ml



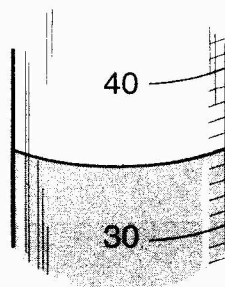
In a 3 Liter bottle of soda there are 3000 mL. Use this information to fill in the blanks below.

1. There are _____ mL in 1 L.
2. There are _____ mL in $\frac{1}{2}$ L.
3. There are _____ mL in 2 L.
4. There are _____ mL in $\frac{1}{4}$ L.
5. There are _____ mL in 5L.

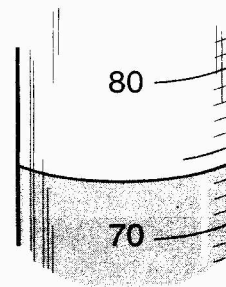
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A



B



C

(Labeled
measurements
are in mL.)

- _____ 6. What is the volume of the water in graduated cylinder A?
- _____ 7. What is the volume of the water in graduated cylinder B?
- _____ 8. What is the volume of the water in graduated cylinder C?