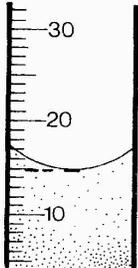
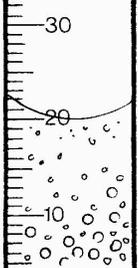
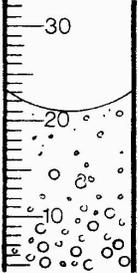
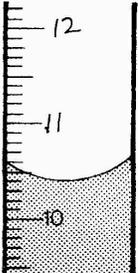
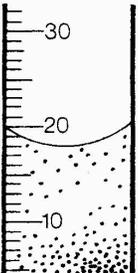
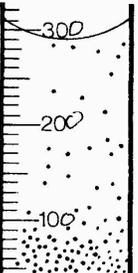
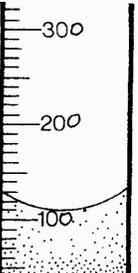


Science Skills 6

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.)

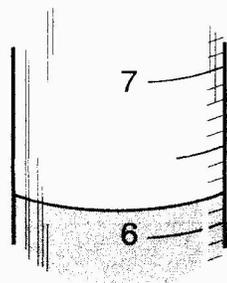
Read the following volumes.

<p>1. _____ ml</p> 	<p>5. _____ ml</p> 
<p>2. _____ ml</p> 	<p>6. _____ ml</p> 
<p>3. _____ ml</p> 	<p>7. _____ ml</p> 
<p>4. _____ ml</p> 	<p>8. _____ ml</p> 

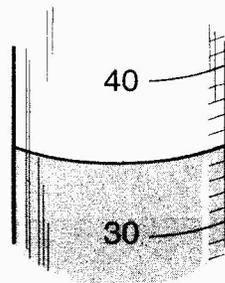
In a 3 Liter bottle of soda there are 3000 mL. Use this information to fill in the blanks below.

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.

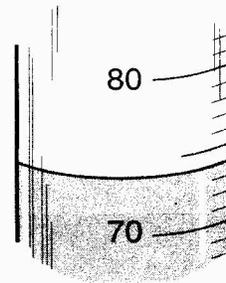
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A



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?