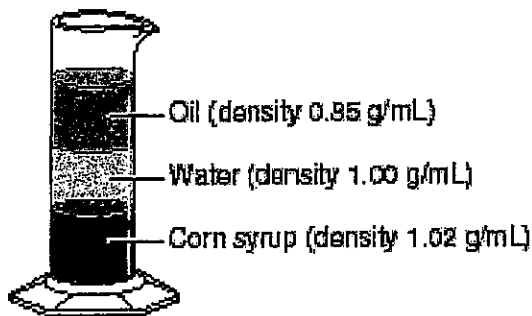


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Density Columns

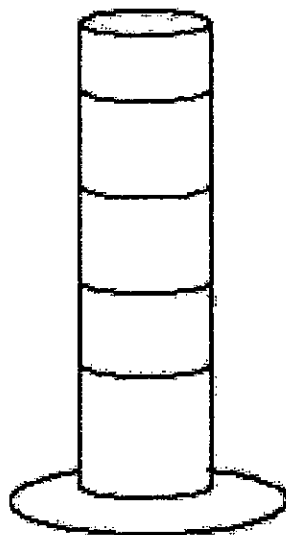
1. Students measured and recorded the density of 4 samples. Use the density column and data table below to answer the following questions:

Densities of Some Unknowns	
Liquids	Density (g/mL)
Sample A	1.02
Sample B	0.96
Sample C	1.15
Sample D	0.82



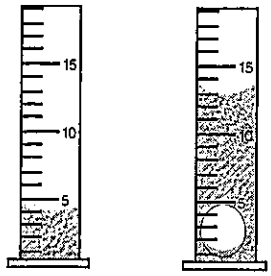
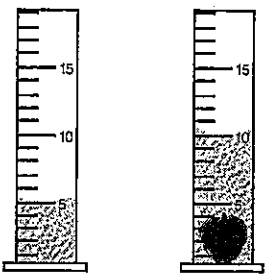
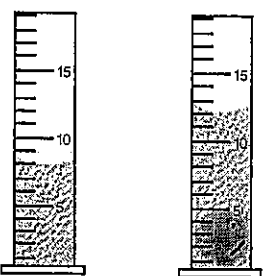
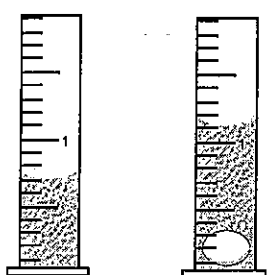
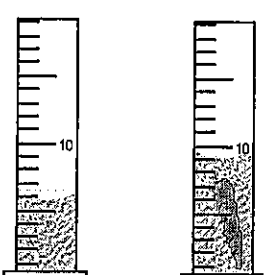
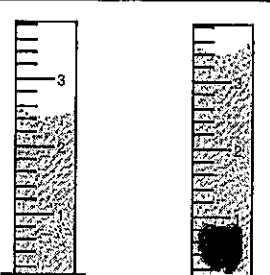
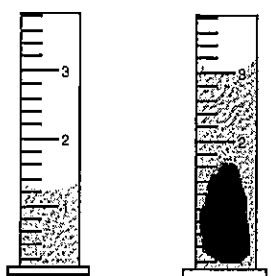
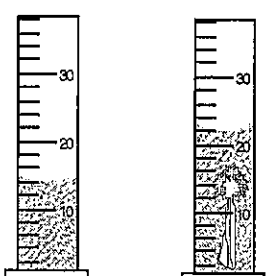
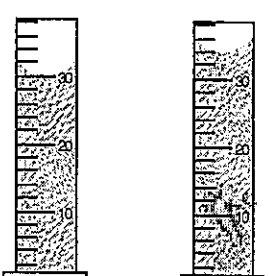
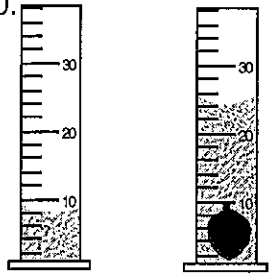
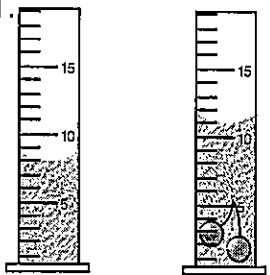
Density Column

- Which of the samples will probably float on top of the oil? \_\_\_\_\_
- If sample *A* is dropped into the graduated cylinder, where would it end up and why? \_\_\_\_\_  
\_\_\_\_\_
- Which sample is most dense? \_\_\_\_\_
- Which sample is least dense? \_\_\_\_\_
- If all four samples were added to the graduated cylinder shown below, draw how they would look after they were allowed to settle:



# Volume by Water Displacement

Name \_\_\_\_\_  
 Date \_\_\_\_\_  
 Period \_\_\_\_\_

<p>1.</p>  <p>Volume of graduate with object: _____              Volume of graduate without object: _____</p> <p>Volume of object: _____</p>	<p>2.</p> 	<p>3.</p> 
<p>4.</p> 	<p>5.</p> 	<p>6.</p> 
<p>7.</p> 	<p>8.</p> 	<p>9.</p> 
<p>10.</p> 	<p>11.</p> 	<p>12.</p> 