**Topic: Identifying and Reading Lab Equipment**

**Student Sheet**

**Station 1**

1. Draw a picture of a graduated cylinder.

2. Read the volume of the following graduated cylinders. Label your answers with a (ml) for milliliters.

   A. 
   B. 
   C. 
   D. 
   E. 
   F. 

**Station 2**

1. Draw a picture of an electronic balance.

2. Find the mass of the items. Label answers with a (g) for grams.

   A. 
   B. 
   C. 
   D. 
   E. 
   F. 

**Station 3**

1. Draw a picture of a beaker.

2. Read the volume of the following beakers. Label answers with a (ml) for milliliters.

   A. 
   B. 
   C. 
   D. 
   E. 
   F. 

Station 4
1. Draw a picture of a ruler.

2. Measure the following items in both inches and centimeters. Label answers (“”) inches and (cm) centimeters.

<table>
<thead>
<tr>
<th>Item</th>
<th>Inches</th>
<th>Centimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>floor tile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>brick</td>
<td></td>
<td></td>
</tr>
<tr>
<td>notebook</td>
<td></td>
<td></td>
</tr>
<tr>
<td>drawer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Station 5
1. Draw a picture of a thermometer.

2. Find the temperature of each of the cups. Label answers in degrees Fahrenheit (°F).

   A. 
   B. 
   C. 

3. Convert the following Celsius temperatures to Fahrenheit. To find the answers follow these steps:
   - Multiply the Celsius temperature by 9/5.
   - Add 32.

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>Fahrenheit (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24°C</td>
<td></td>
</tr>
<tr>
<td>54°C</td>
<td></td>
</tr>
<tr>
<td>20°C</td>
<td></td>
</tr>
</tbody>
</table>

4. Convert the following Fahrenheit temperatures to Celsius. To find the answers follow these steps:
   - Subtract 32
   - Multiply of 5/9

<table>
<thead>
<tr>
<th>Temperature (°F)</th>
<th>Celsius (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>78°F</td>
<td></td>
</tr>
<tr>
<td>18°F</td>
<td></td>
</tr>
<tr>
<td>42°F</td>
<td></td>
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</tbody>
</table>