Worksheet: Measurement

Directions: To convert from larger units to smaller units move the decimal one “step” to the right and to convert from smaller units to larger units move the decimal one “step” to the left. Use the chart below to help you convert all the sample problems.

<table>
<thead>
<tr>
<th>kilo</th>
<th>hecto</th>
<th>deca</th>
<th>meter</th>
<th>gram</th>
<th>liter</th>
<th>deci</th>
<th>centi</th>
<th>milli</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.001</td>
<td>0.01</td>
<td>0.1</td>
<td>1</td>
<td></td>
<td></td>
<td>10</td>
<td>100</td>
<td>1,000</td>
</tr>
</tbody>
</table>

1 m = __________ cm  
345 cm = __________ mm

1 cm = __________ mm  
90.5 cm = __________ mm

25 m = __________ cm  
1.5 m = __________ cm

3 km = __________ cm  
0.7 km = __________ cm

4,500 mm = __________ m  
0.5 mm = __________ m

579 km = __________ cm  
0.7 m = __________ cm

19,847 cm = __________ km  
8.5 cm = __________ km

596 cm = __________ mm  
3,000 mg = __________ g

895 km = __________ m  
1 mL = __________ L

50 cm = __________ mm  
400 mL = __________ L

4 km = __________ cm  
0.1 cm = __________ mm

400 mm = __________ m  
24.1 mg = __________ g