Sun – Earth-Moon Scaled Distances

<table>
<thead>
<tr>
<th></th>
<th>Real Size</th>
<th>Diameter of a Nickel</th>
<th>Fingernail Width</th>
<th>Diameter of a softball</th>
<th>Diameter of a basket ball</th>
<th>1 miles</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sun</strong> (distance)</td>
<td>150 million km</td>
<td>12,756 km = 2 cm</td>
<td>12756 km = 1 cm</td>
<td>12756 km = 10 cm</td>
<td>12756 km = 24.2 cm</td>
<td>12756 km = 1.6 km</td>
</tr>
<tr>
<td><strong>Sun</strong> (diameter)</td>
<td>1,392,000 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Earth</strong> (diameter)</td>
<td>12,756 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Moon</strong> (diameter)</td>
<td>3,476 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Moon</strong> (distance)</td>
<td>384,400 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance from LA to New York</td>
<td>3940 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Shuttle Orbit</strong></td>
<td>350 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Int'l Space Station</strong></td>
<td>402 km</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Created by GBaker thesciencequeen.net 2015