Jump Start: Jupiter!

Summarize what you’ve discovered about the solar system in the table below. Return to this page later as you discover more about the solar system to fill in any missing details.

<table>
<thead>
<tr>
<th>Object</th>
<th>Atmosphere</th>
<th>Distance from Sun (miles)</th>
<th>Mass</th>
<th>Diameter</th>
<th>Mean Surface Temperature (degrees Fahrenheit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun</td>
<td>Thin</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Mercury</td>
<td></td>
<td>—</td>
<td></td>
<td>—</td>
<td>-300 to +800</td>
</tr>
<tr>
<td>Venus</td>
<td></td>
<td></td>
<td>0.95 x Earth’s</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Earth</td>
<td>Medium Thin</td>
<td></td>
<td>—</td>
<td>—</td>
<td>0.11 x Earth’s</td>
</tr>
<tr>
<td>Mars</td>
<td></td>
<td>0.11 x Earth’s</td>
<td>—</td>
<td>—</td>
<td>0.11 x Earth’s</td>
</tr>
<tr>
<td>Ceres*</td>
<td>None</td>
<td>257 million</td>
<td>—</td>
<td>—</td>
<td>1 x Earth’s</td>
</tr>
<tr>
<td>Jupiter</td>
<td></td>
<td>11 x Earth’s</td>
<td>—</td>
<td>—</td>
<td>11 x Earth’s</td>
</tr>
<tr>
<td>Saturn</td>
<td></td>
<td>95 x Earth’s</td>
<td>—</td>
<td>—</td>
<td>95 x Earth’s</td>
</tr>
<tr>
<td>Uranus</td>
<td>Thick</td>
<td></td>
<td>—</td>
<td>—</td>
<td>95 x Earth’s</td>
</tr>
<tr>
<td>Neptune</td>
<td></td>
<td></td>
<td>—</td>
<td>—</td>
<td>-346</td>
</tr>
<tr>
<td>Pluto**</td>
<td></td>
<td>0.002 x Earth’s</td>
<td>—</td>
<td>—</td>
<td>0.002 x Earth’s</td>
</tr>
</tbody>
</table>

*Asteroid belt object/dwarf planet
**Dwarf planet
Jump Start: Jupiter!

The giant planets have many things in common! They all have (circle the appropriate words):

- Rocky cores and fluid mantles
- Few/No moons
- Rocky cores and mantles
- Lots of gases
- Ring systems
- Small sizes
- Hard surfaces
- Little/No gases
- Large sizes
- Families of moons
- Thin/No atmospheres
- No surfaces

...but they each have a unique personality. My favorite giant planet is ______________ because:

The inner planets have many things in common! They all have (circle the appropriate words):

- Rocky cores and fluid mantles
- Few/No moons
- Rocky cores and mantles
- Lots of gases
- Ring systems
- Small sizes
- Hard surfaces
- Little/No gases
- Large sizes
- Families of moons
- Thin/No atmospheres
- No surfaces

...but they each have a unique personality. My favorite inner planet is ______________ because:

I want to know more about: