**Name:**

**Date:**

**School:**

**Facilitator:**

7.01 Layers of the Atmosphere

**Part 1: Insert your image of the Layers of the Atmosphere here:**

|  |
| --- |
|  |

**Part 2: Complete the following chart by placing an “X” in the appropriate atmospheric layer box for each statement.**

| **Atmospheric Layer** | **Troposphere** | **Stratosphere** | **Mesosphere** | **Thermosphere** |
| --- | --- | --- | --- | --- |
| 1. Coldest layer |  |  |  |  |
| 2. Hottest layer |  |  |  |  |
| 3. Where weather takes place |  |  |  |  |
| 4. Has the least atmospheric pressure |  |  |  |  |
| 5. Where ozone is located |  |  |  |  |
| 6. Aircraft can fly here |  |  |  |  |
| 7. Where the International Space Station is located |  |  |  |  |
| 8. Where altitude and temperature are inversely proportional |  |  |  |  |
| 9. Where altitude and temperature are directly proportional |  |  |  |  |
| 10. Where altitude and atmospheric pressure are directly proportional |  |  |  |  |
| 11. Has clouds present |  |  |  |  |
| 12. Meteors or shooting stars burn out here |  |  |  |  |
| 13. Space Shuttle orbits here |  |  |  |  |
| 14. Extends up to 621 miles above earth’s surface |  |  |  |  |
| 15. Often considered as part of outer space |  |  |  |  |