**Layers of the Atmosphere Diagram**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Grab a sheet of construction paper. Long side up, measure its height in inches. You will need to create a diagram of the atmosphere.

In order to make an accurate drawing of the atmosphere, you will need to know how high the atmosphere is. You will need to make your measurements as accurate as possible.

1. Using your notes accurately place each layer of the atmosphere and lightly color each a different color. (2 points each) \_\_\_\_\_/12 points
   * Troposphere
   * Stratosphere
   * Mesosphere
   * Thermosphere
   * Exosphere
   * Ionosphere
2. Label the width of each layer in miles. \_\_\_\_/ 6 points
3. Make temperature labels, with red (hot) or blue (cold) labels, and make a density arrow, from most dense to least dense. \_\_\_\_\_\_/ 3 points
4. Draw these images into the correct layers: (2 points each) \_\_\_\_\_\_ /20 points
   * jet airplane
   * satelites
   * clouds & lightening for weather
   * helicopter
   * birds
   * hot air balloons
   * Ozone layer
   * Astronaut
   * Aurora Borealis
   * Free Ions Reflecting Radio waves

**Total \_\_\_\_\_\_\_\_\_\_/41 points**