**Chapter 11 Vocab Atmosphere Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_**

**Part 1:**

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| **\*\*\* For the following words & questions, write information found in your textbook OR on the class QUIZLET site that can be accessed through the teacher’s webpage**  **SECTION 11.1 Atmospheric Basics**   1. According to **Figure 11-1 on page 272:**    1. What percent of the atmosphere do trace gases make up?    2. What are the 6 trace gases included in that percent? 2. According to **Figure 11-2 on page 273:**    1. What is the top layer of the atmosphere, the one furthest away from the earth’s surface, called?    2. What is the bottom layer of the atmosphere, closest to the earth called? | | | |
|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** | **M**  **(Memory Clue)** |
|  | **Atmosphere** |  |  |
|  | **Ozone** |  |  |
|  | **Troposhpere** |  |  |
|  | **Tropopause** |  |  |
|  | **Stratosphere** |  |  |
|  | **Stratopause** |  |  |
|  | **Heat** |  |  |
|  | **Radiation** |  |  |
|  | **Conduction** |  |  |
|  | **Convection** |  |  |
| **Section 11.2 State of the Atmosphere**   1. Looking at **TABLE 11-2 on p280,**     1. What happens to density as temperature decreases?    2. Why do you think the authors used symbols (↑, ↓, D, P, T) to show the relationships in the top box of the table rather than words? 2. This one is not in your book. If you have a glass and you “invert it”, what do you do with it? Look up the work invert in a dictionary if needed. | | | |
|  | **Temperature** |  |  |
|  | **Temperature Inversion** |  |  |

**Part 2:**

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| **NOTE:\*\*\*** For the following words & questions, write information found **in your textbook**  **OR** on the **class QUIZLET site** that can be accessed through the teacher’s webpage | | | |
|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** | **M**  **(Memory Clue)** |
|  | **Dew Point** |  |  |
|  | **Saturation** |  |  |
|  | **Condensation** |  |  |
|  | **Lifted Condensation Level (LCL)** |  |  |
|  | **Humidity** |  |  |
|  | **Relative Humidity** |  |  |
|  | **Condensation Nuclei** |  |  |
|  | **Orographic Lifting** |  |  |
|  | **Frontal Wedging** |  |  |
|  | **Latent Heat** |  |  |
|  | **Cirrus** |  |  |
|  | **Cumulus** |  |  |
|  | **Stratus** |  |  |
|  | **Cumulonimbus** |  |  |
|  | **Collision -Coalescence** |  |  |
|  | **Precipitation** |  |  |
|  | **Evaporation** |  |  |
|  | **Water Cycle** |  |  |