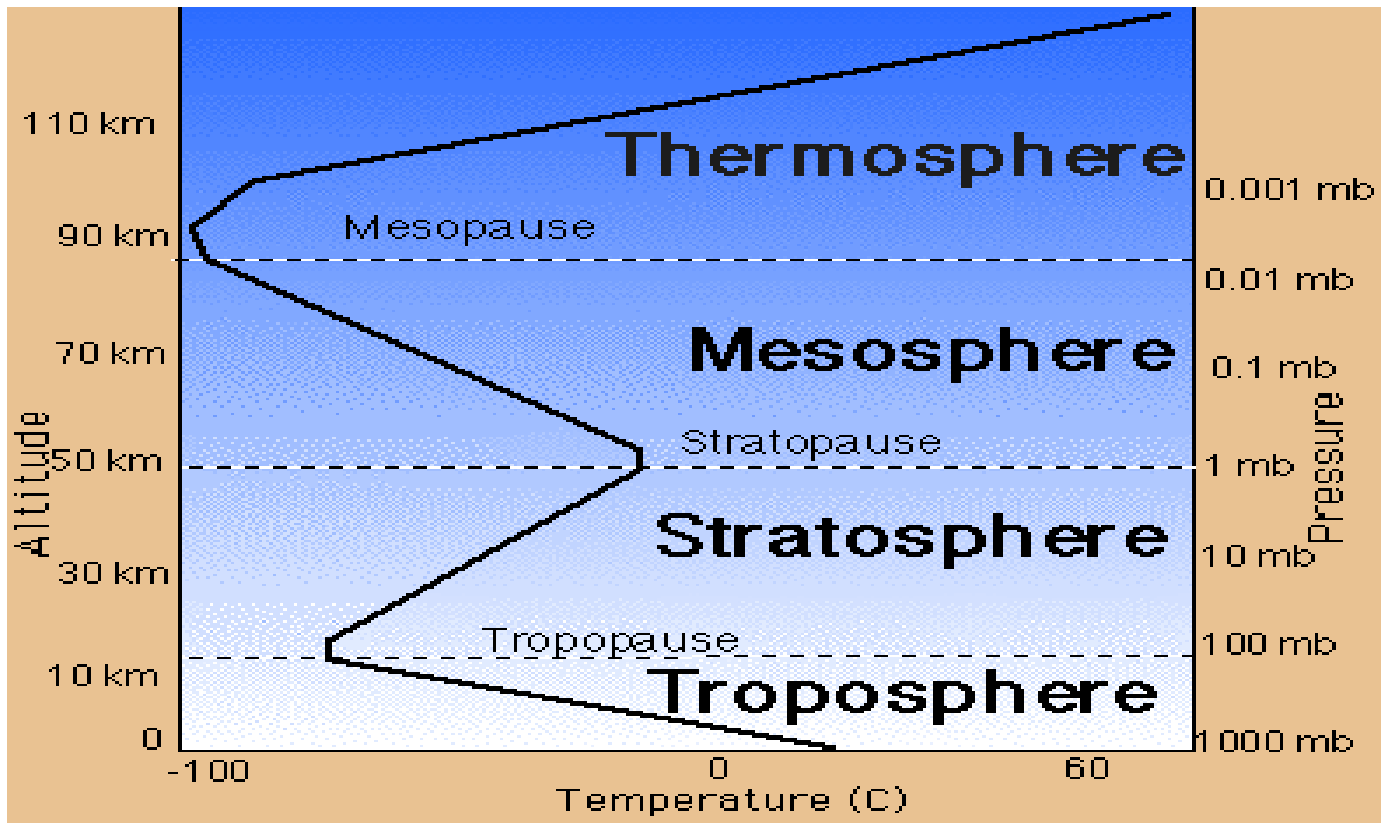


ATMOSPHERIC LAYERS DIAGRAM

Name: _____ Period: ____



1. What happens to temperature in the Troposphere? _____
2. What is the temperature in Celsius (C) at the tropopause? _____
3. What happens to temperature at the tropopause? _____
4. What is the height in kilometers (km) at the tropopause? _____
5. Temperature increases in the stratosphere due to the presence of the ozone layer. What temperature does the stratosphere increase to? _____
6. What is the height in kilometers (km) for the stratopause? _____
7. How cold does it get in the mesosphere? _____
8. What is the temperature in Celsius (C) at the mesopause? _____
9. What happens to temperature as you increase in altitude in the thermosphere? _____
10. At what height in the atmosphere do you reach the mesopause? _____
11. What does the mesopause signify? _____
12. At what height in km would you expect to find the ionosphere? _____
13. What is present in the ionosphere? _____
14. Which layer contains all water vapor (ie: clouds, rain, snow)? _____
15. The layers of the atmosphere are separated based on their _____.