

**Questions & Conclusions:**

1. What is the basis for dividing the atmosphere into four layers?

2. Does the temperature increase or decrease with altitude in the:

troposphere? \_\_\_\_\_ stratosphere? \_\_\_\_\_

mesosphere? \_\_\_\_\_ thermosphere? \_\_\_\_\_

3. What is the approximate height and temperature of the:

tropopause: \_\_\_\_\_

stratopause: \_\_\_\_\_

mesopause: \_\_\_\_\_

4. What causes the temperature to increase with altitude through the stratosphere?

5. What causes the temperature to decrease with altitude through the mesosphere?

6. What causes the temperature to decrease with altitude in the troposphere?