

Name \_\_\_\_\_

## How Temperatures Change Through the Layers of the Atmosphere

### Multiple Choice Questions

1. In which layer does the temperature decrease as you go up?
  - A. Stratosphere
  - B. Thermosphere
  - C. Exosphere
  - D. Troposphere
  
2. What makes the stratosphere warmer at higher altitudes?
  - A. Heat from the ground
  - B. The ozone layer
  - C. Clouds
  - D. Ocean currents
  
3. Which layer is the coldest part of the atmosphere?
  - A. Mesosphere
  - B. Troposphere
  - C. Thermosphere
  - D. Stratosphere
  
4. Why is the thermosphere so hot?
  - A. It is close to Earth
  - B. It has a lot of water
  - C. It absorbs lots of solar energy
  - D. It has many clouds
  
5. Which layer do we live in?
  - A. Mesosphere
  - B. Stratosphere
  - C. Troposphere
  - D. Thermosphere

