

**Blackline Master Quizzes for *Core Meteorology: Atmosphere***  
**Blackline Master 1A Quiz**

**Circle the correct answer. There may be more than one!**

1. The earth's atmosphere is an envelope of gases and tiny particles that surrounds the planet.
  - a. True
  - b. False
  
2. Before space travel, in order to study the atmospheres of other planets scientists used
  - a. Telescopes
  - b. Weather balloons
  - c. Spectroscopic analysis
  - d. All of the above
  
3. The major difference between Earth's atmosphere and the atmosphere's of other planets is
  - a. Carbon Dioxide
  - b. Argon gas
  - c. Neon gas
  - d. Oxygen
  
4. The lowest part of Earth's atmosphere is the
  - a. Stratosphere
  - b. Troposphere
  - c. Mesosphere
  - d. Heliosphere
  
5. The stratosphere is home to the jet stream.
  - a. True
  - b. False
  
6. The ozone layer protects life on earth from
  - a. Heat rays
  - b. Cosmic rays
  - c. Ultraviolet rays
  - d. All of the above
  
7. Earth's atmosphere protects life from solar radiation in what way
  - a. Reflects
  - b. Scatters
  - c. Absorbs
  - d. None of the above

8. Earth's atmosphere regulates our atmospheric temperature by storing heat at the poles.
  - a. True
  - b. False
  
9. Weather happens in the
  - a. Stratosphere
  - b. Mesosphere
  - c. Thermosphere
  - d. Troposphere
  
10. Which of the following describes the hydrological cycle
  - a. Water leaves the earth as a gas through evaporation and returns as a liquid in the form of rain or snow or hail
  - b. Carbon dioxide in the atmosphere and is fixed by photosynthesis into organic matter and then it dies and is turned back by microbes into carbon dioxide again
  - c. None of the above