

# Weather

Read each question and circle the correct answer.

**1. What is the order of the events for the water cycle on a typical warm day?**

- A. rain, snow, sleet
- B. precipitation, evaporation, rain
- C. evaporation, condensation, precipitation
- D. condensation, evaporation, precipitation

**2. Water located in wells underground is**

- A. precipitation.
- B. condensation.
- C. run-off.
- D. ground water.

**3. The thickest and lowest level of the atmosphere in which most organisms live is the**

- A. troposphere.
- B. lithosphere.
- C. stratosphere.
- D. hydrosphere.

**4. The oceans, lakes, and rivers which cover 75% of Earth's surface is called the**

- A. troposphere.
- B. lithosphere.
- C. mesosphere.
- D. hydrosphere.

**5. Earth's atmosphere has a mixture of gases in which proportion?**

- A. carbon dioxide 80%, oxygen 10%, and nitrogen 10%
- B. oxygen 70%, nitrogen 10%, and other gases 20%
- C. nitrogen 60%, oxygen 20% carbon dioxide and other gases 20%
- D. nitrogen 60%, oxygen 30%, methane and other gases 10%

**6. A large body of air that has similar pressure, temperature, and atmospheric conditions is called a(n)**

- A. precipitation.
- B. air mass.
- C. jet stream.
- D. weather front.

**7. The name of the narrow belt of high-speed wind in the stratosphere is the**

- A. jet stream.
- B. lithosphere.
- C. hydrosphere.
- D. weather front.

**8. The leading edge where one weather system meets another is called a(n)**

- A. air mass.
- B. jet stream.
- C. anticyclone.
- D. weather front.

**9. The transfer of heat energy by the circulation of warm air is called**

- A. thermal convection.
- B. thermal conduction.
- C. cyclonic conduction.
- D. atmospheric conduction.

**10. Which is a major cause of global warming?**

- A. the water cycle
- B. the greenhouse effect
- C. major weather fronts
- D. the jet stream