

Name \_\_\_\_\_ Date \_\_\_\_\_

### Extreme Weather Challenge

**Directions:** Read each sentence. Then circle the letter next to the answer that best completes the sentence.

1. "Tornado Alley," where tornadoes are most frequent in the United States, runs roughly \_\_\_\_\_.
  - a. from Ohio and West Virginia through Colorado and Wyoming
  - b. from Texas and Louisiana through North Dakota and Minnesota
  - c. from Florida and Alabama through New Jersey and Philadelphia
  
2. In order to qualify as a hurricane, a tropical storm must have maximum sustained winds exceeding \_\_\_\_\_.
  - a. 62 mph
  - b. 74 mph
  - c. 85 mph
  
3. Storms are given names when they achieve \_\_\_\_\_ status.
  - a. tropical depression
  - b. tropical storm
  - c. hurricane
  
4. When the eye of a hurricane is passing over, an area experiences \_\_\_\_\_.
  - a. a more intense period of the storm
  - b. the end of the storm
  - c. a temporary calm
  
5. During El Niño, unusually warm water in the \_\_\_\_\_ has a significant effect on the weather.
  - a. eastern Pacific Ocean
  - b. northern Atlantic Ocean
  - c. southern Indian Ocean
  
6. Exposure to extreme cold can cause \_\_\_\_\_.
  - a. hypochondria
  - b. hypoglycemia
  - c. hypothermia
  
7. The "Lake Effect" takes place when a snowstorm passes over a large lake and \_\_\_\_\_.
  - a. warms up and turns to rain
  - b. gathers moisture and deposits large amounts of snow on the area beyond it
  - c. stalls over the lake for several days before reaching land

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### Extreme Weather Challenge (continued)

8. Thunderstorms grow from \_\_\_\_\_ clouds.
  - a. nimbostratus
  - b. cirrus
  - c. cumulonimbus
  
9. The record for the hottest weather in the United States in the twentieth century was \_\_\_\_\_.
  - a. 125 degrees in Laughlin, Nevada, in 1994
  - b. 128 degrees in Lake Havasu, Arizona, in 1994
  - c. 134 degrees in Death Valley, California, in 1913
  
10. The record for the coldest weather in the United States in the twentieth century was \_\_\_\_\_.
  - a. -50 degrees on Mount Washington, New Hampshire in 1985
  - b. -65 degrees in Fort Keogh, Montana, in 1922
  - c. -80 degrees in Prospect Creek, Alaska, in 1971