

Understanding Temperature

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Measuring Heat in the Air

Name: _____

Date: _____

Answer the following questions about measuring temperature and thermometers.

1. What do thermometers measure?

- A. Humidity
- B. Temperature
- C. Wind speed

2. Water freezes at ____°F or ____°C.

3. Why is it important to measure temperature?

4. Match the measurement to its temperature.

Freezing point of water

32°F or 0°C

Boiling point of water

212°F or 100°C

5. Which thermometer scale is used most often in the United States?

- A. Celsius
- B. Fahrenheit
- C. Kelvin

6. Thermometers use a liquid that ____ when it gets warmer.

7. How do farmers or sailors benefit from temperature information?

8. What happens to the liquid in a thermometer when it gets cooler?

- A. It expands
- B. It contracts
- C. It stays the same

9. The temperature in Celsius is used in most ____ countries.

10. What does Job 37:16 tell us about God's knowledge?

Answer Key

1. Temperature 2. 32, 0 3. It helps us understand the weather and plan our activities. 4. 32°F or 0°C, 212°F or 100°C 5. Fahrenheit 6. expands 7. Farmers use it to know when to plant crops, and sailors use it to understand weather patterns. 8. It contracts 9. other 10. It shows that God has perfect knowledge of the clouds and weather.