

# Temperature and Measuring Heat

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Understanding How Hot or Cold Things Are

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about temperature.

1. What is temperature a measure of?

- A. Time
- B. Heat energy
- C. Distance

2. Water freezes at \_\_\_\_°F or \_\_\_\_°C.

3. Why is it important to measure temperature in daily life?

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4. Match the following temperature scales to their freezing and boiling points.

Fahrenheit

32°F and 212°F

Celsius

0°C and 100°C

5. What tool do we use to measure temperature?

- A. Ruler
- B. Thermometer
- C. Barometer

6. Temperature helps us understand how \_\_\_\_ or \_\_\_\_ something is.

7. What did you discover about temperature today?

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8. Water boils at 100°C.

True  False

9. What happens to water at 32°F?

- A. It boils
- B. It freezes
- C. It evaporates

10. God has perfect knowledge of the \_\_\_\_ of the clouds.

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## Answer Key

1. Heat energy 2. 32, 0 3. It helps us know how to dress and prepare for the weather. 4. 32°F and 212°F 5. Thermometer 6. hot, cold 7. I learned how to read thermometers and understand freezing and boiling points. 8. True 9. It freezes 10. balancing