Year 4 Science: Temperature: measuring how hot or cold

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. What unit do we usually use for temperature?

2. A thermometer has a number every 10 °C and 10 small gaps between numbers. What is each mark worth?

3. Each mark is 2 °C. The liquid stops 3 marks above 30. What is the temperature?

4. You predicted 15 °C and measured 19 °C. How far out was your prediction?

5. Four readings of one cup are 18 °C, 19 °C, 18 °C and 26 °C. Which is likely to be wrong?

6. Why should the bulb stay in the water while you read the thermometer?

Fix the mistake

7. Correct this statement: "Every small mark on a thermometer is 1 °C."

8. Correct this statement: "You can read the thermometer as soon as it goes in."

9. Correct this statement: "If the water feels warm to my hand, it is warm."

10. Correct this statement: "The answer is 24."