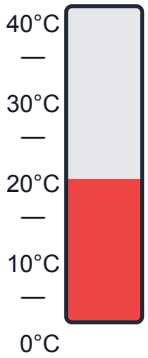
Temperature Reading and Conversion

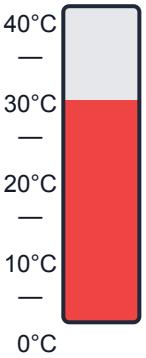
Name: _____ Date: _____

Part A: Reading Thermometers 🌡️

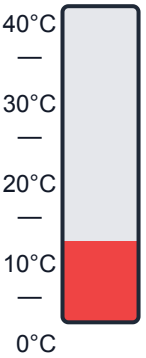
Write the temperature shown on each thermometer in degrees Celsius (°C).



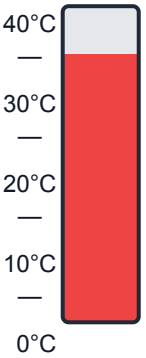
1. _____°C



2. _____°C



3. _____°C



4. _____°C

Part B: Temperature Changes

Calculate the new temperature after each change.

5. The temperature was 15°C. It increased by 8°C. New temperature: _____°C

6. The temperature was 22°C. It decreased by 12°C. New temperature: _____°C

7. The temperature was 5°C. It increased by 17°C. New temperature: _____°C

8. The temperature was 30°C. It decreased by 9°C. New temperature: _____°C

Part C: Temperature Differences

Find the difference between the two temperatures.

9. Morning: 8°C, Afternoon: 21°C. Difference: _____°C

10. Auckland: 19°C, Queenstown: 7°C. Difference: _____°C

11. Inside: 23°C, Outside: 14°C. Difference: _____°C

12. Summer day: 28°C, Winter day: 9°C. Difference: _____°C

Part D: Word Problems

13. The temperature at midnight was 4°C. By midday it had risen by 15°C. What was the temperature at midday?

Answer: _____°C

14. Water freezes at 0°C and boils at 100°C. What is the difference between these temperatures?

Answer: _____°C

15. On Monday the temperature was 18°C. On Tuesday it was 7°C cooler. What was the temperature on Tuesday?

Answer: _____°C