

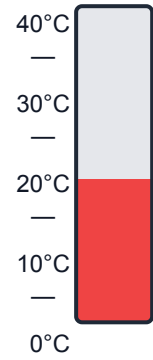
Temperature Reading and Conversion

Name: _____

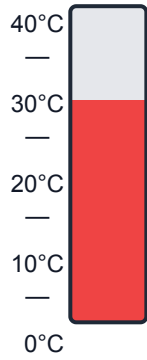
Date: _____

Part A: Reading Thermometers

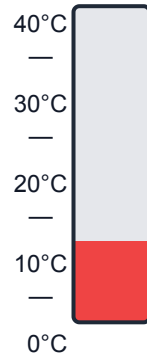
Write the temperature shown on each thermometer in degrees Celsius ($^{\circ}\text{C}$).



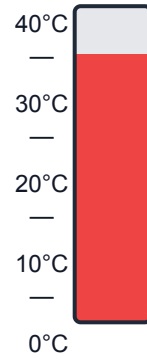
1. _____ $^{\circ}\text{C}$



2. _____ $^{\circ}\text{C}$



3. _____ $^{\circ}\text{C}$



4. _____ $^{\circ}\text{C}$

Part B: Temperature Changes

Calculate the new temperature after each change.

5. The temperature was 15°C . It increased by 8°C . New temperature: _____ $^{\circ}\text{C}$

6. The temperature was 22°C . It decreased by 12°C . New temperature: _____ $^{\circ}\text{C}$

7. The temperature was 5°C . It increased by 17°C . New temperature: _____ $^{\circ}\text{C}$

8. The temperature was 30°C . It decreased by 9°C . New temperature: _____ $^{\circ}\text{C}$

Part C: Temperature Differences

Find the difference between the two temperatures.

9. Morning: 8°C , Afternoon: 21°C . Difference: _____ $^{\circ}\text{C}$

10. Auckland: 19°C , Queenstown: 7°C . Difference: _____ $^{\circ}\text{C}$

11. Inside: 23°C , Outside: 14°C . Difference: _____ $^{\circ}\text{C}$

12. Summer day: 28°C , Winter day: 9°C . Difference: _____ $^{\circ}\text{C}$

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: _____ $^{\circ}\text{C}$

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

Answer: _____ $^{\circ}\text{C}$

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

Answer: _____ °C