

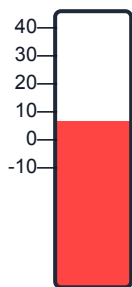
Temperature Reading and Conversion

Name: _____

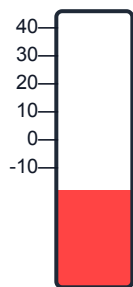
Date: _____

Part A: Reading Thermometers

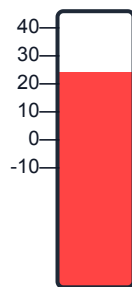
Write the temperature shown on each thermometer in degrees Celsius ($^{\circ}\text{C}$).



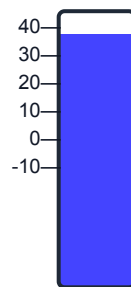
1. _____ $^{\circ}\text{C}$



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 18°C . It increased by 7°C . New temperature: _____ $^{\circ}\text{C}$

6. The temperature was 25°C . It decreased by 12°C . New temperature: _____ $^{\circ}\text{C}$

7. The temperature was 3°C . It dropped by 8°C . New temperature: _____ $^{\circ}\text{C}$

8. The temperature was -4°C . It rose by 10°C . New temperature: _____ $^{\circ}\text{C}$

Part C: Temperature Differences

Find the difference between these temperatures.

9. Morning: 8°C , Afternoon: 22°C . Difference: _____ $^{\circ}\text{C}$

10. Inside: 21°C , Outside: -3°C . Difference: _____ $^{\circ}\text{C}$

11. Freezer: -18°C , Fridge: 4°C . Difference: _____ $^{\circ}\text{C}$

Part D: Word Problems

12. The temperature in Wellington at 6am was 11°C . By midday it had risen by 9°C . What was the temperature at midday?

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

13. Water freezes at 0°C . If the temperature is currently 7°C , how many degrees must it drop for water to freeze?

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

14. The overnight temperature was -2°C . During the day it warmed up to 15°C . What was the total temperature increase?

Answer: _____ °C