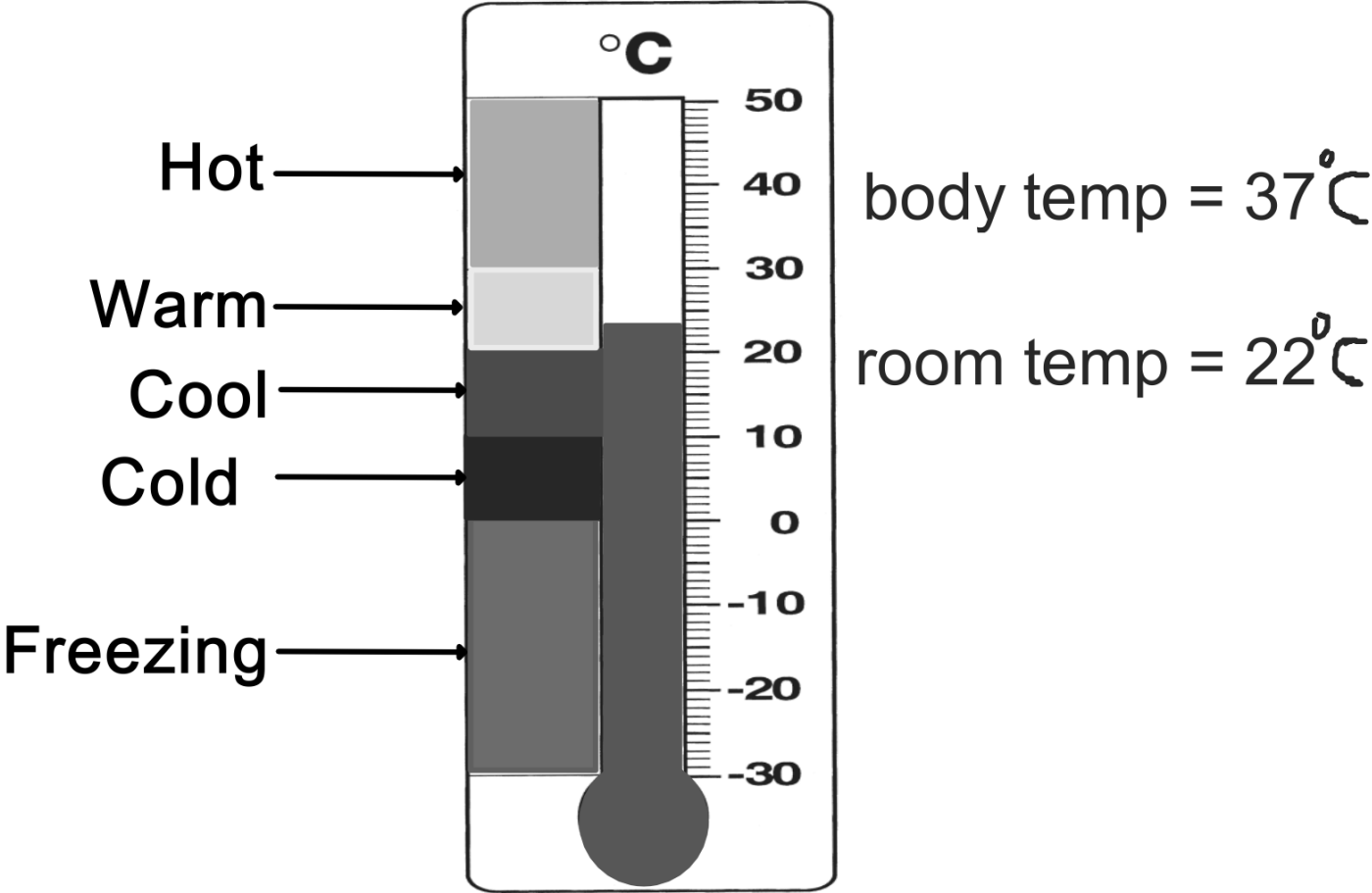
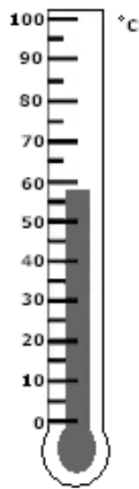


Measuring Temperature



How can you measure temperature accurately?

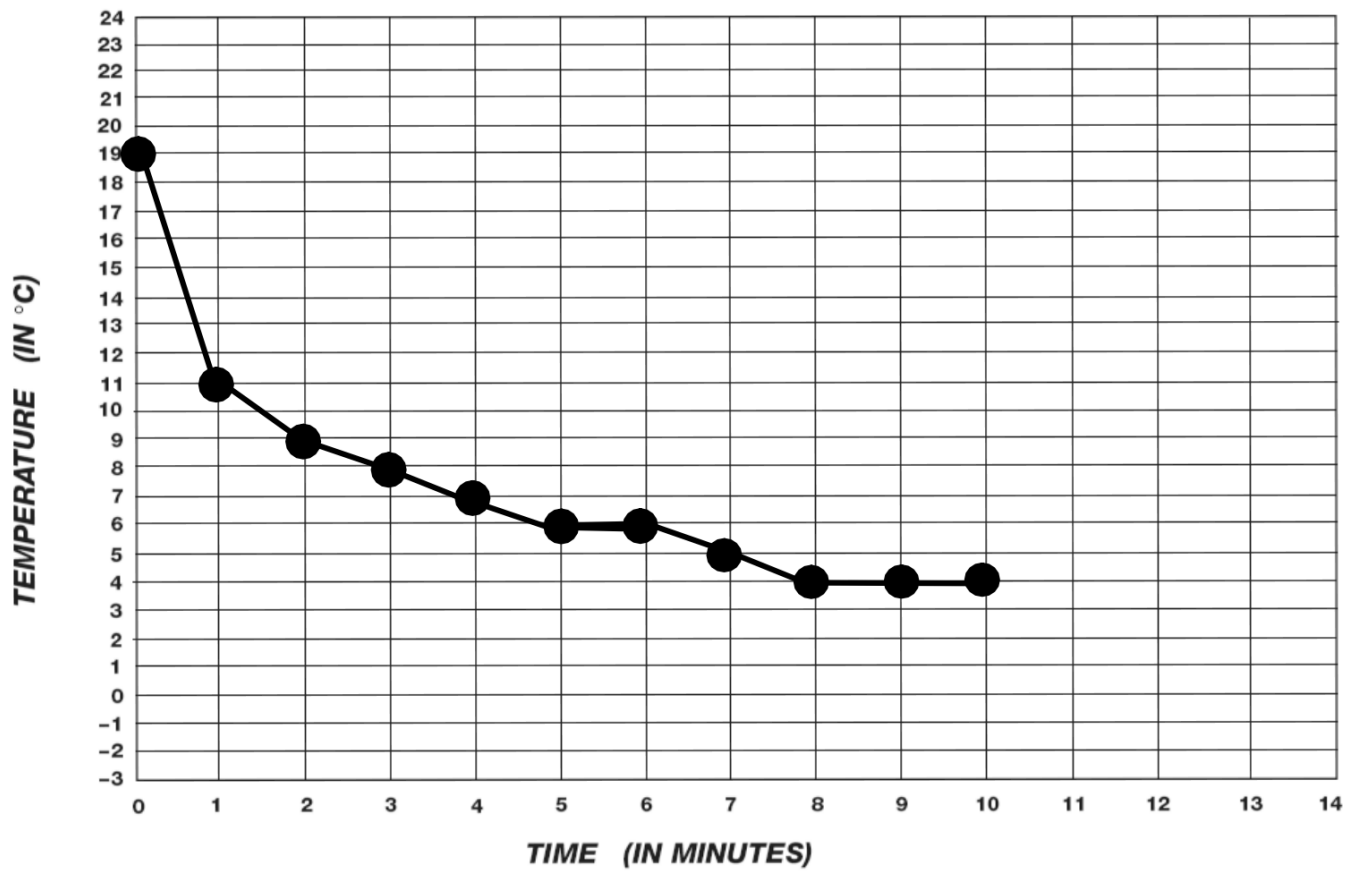


To measure accurately, we record all temperature in degrees Celsius ($^{\circ}\text{C}$) using a thermometer.

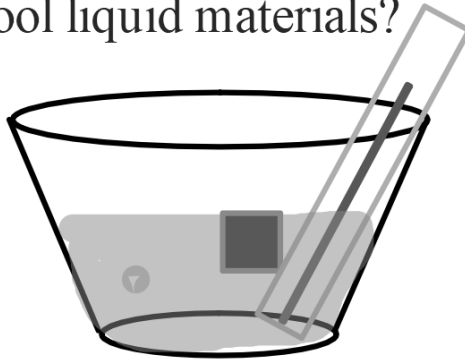
The Metric System

Measurement	Standard unit	Smaller unit	Larger unit	Tool
Length	Meters	Centimeters	Kilometers	meter tape ruler
Mass	Grams	milligrams	Kilograms	Balance
Volume	Liters	milliliters	Kiloliters	syringe beaker cylinder
Temperature	Celsius			Thermometer

Ice Water Graph



What happens when you cool liquid materials?



- **As water cools, it contracts and the temperature of the water decreases.**
- **As temperature decreases, the volume of the thermometer decreases.**