

Chapter 1

Thermal equilibrium - state when the macroscopic variables of two objects stop changing

→ achieved by an exchange of energy ← claim

temperature - is a measure of the tendency of an object to spontaneously give up energy

How do we measure temperature?

- volume (constant pressure) (mercury/alcohol)
- pressure (constant volume)
- electrical resistance
- thermal emf (thermocouple)
- radiation

HW#1 | 1, 2, 7