Chapter 1 : Fundamental concept of Thermodynamics

1. Drag and drop the box in the table.

Meter | Time | Kelvin | kg

second | Amount of light | ampere | cd

Dimension (Physical Quantity)	Name of unit	Symbol
Length		m
Mass	Kilogram	
		s
Electric current		A
Temperature		K
	Candela	

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2. Match the answers in the table

Intensive property
State
Process
System
Equilibrium
Conservation of energy
Irreversible Process
Zeroth's Law

Set of properties that completely describe the system

Two bodies are in thermal equilibrium with a third body, they are in thermal equilibrium with each other

Independent of the system mass

Process cannot reverse themselves spontaneously and restore the system to its initial state

State of balance

Energy can neither be created nor destroyed and energy can change from one form to another form

Change/transformation from one state to another

A quantity matter or a region in space chosen for study

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