

1. The dimensional formula  $LT^{-2}$ , represents \_\_\_\_\_

Acceleration

2. The unit of electric resistance is \_\_\_\_\_

ohm

3. The unit of electric potential difference is \_\_\_\_\_

Volt

4. A closed thermos flask is an example of a

Isolated system

5. The SI unit of temperature is \_\_\_\_\_

Kelvin

6. The unit of electric conductance is

siemens

7. A system in which its physical properties and chemical composition are identical throughout the system is called

Single phase system

8. Which quantity is not involved directly in the mathematical relationship used for the ideal gas equation

Concentration

9. The unit  $Nm^{-2}$  can be represented with the dimensional formula \_\_\_\_\_

$ML^{-1}T^{-2}$

10. The energy flow to and from matter is called \_\_\_\_\_

Temperature

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