

CONCEPT REVIEW

6

CHARACTERISTIC PROPERTIES



PAGES 22 TO 26

Complete this concept review handout and keep it as a record of what you have learned.

DEFINITION

A characteristic property is _____

FUNCTIONS OF CHARACTERISTIC PROPERTIES

- Characteristic physical properties help us _____
- Characteristic chemical properties help us _____

CHARACTERISTIC PHYSICAL PROPERTIES

| Physical properties | Description | Can be expressed in |
|----------------------|---------------------|---------------------|
| Melting point | _____ | _____ |
| | _____ | |
| | _____ | |
| Boiling point | _____ | _____ |
| | _____ | |
| | _____ | |
| Density | _____ | _____ |
| $\rho = \frac{m}{V}$ | _____ = _____ | |
| | where _____ = _____ | |
| | _____ = _____ | |
| Solubility | _____ | _____ |
| | _____ | _____ |
| | _____ | _____ |
| Other properties | _____ | |
| | _____ | |

CHARACTERISTIC CHEMICAL PROPERTIES

| Physical properties | Description | Can be expressed in |
|----------------------------------|-------------|---------------------|
| Reaction of neutral litmus paper | _____ | _____ |
| | _____ | _____ |
| | _____ | _____ |
| | _____ | _____ |
| | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| Other properties | _____ | _____ |
| | _____ | _____ |