

Definitions of Properties

Physical properties can be \_\_\_\_\_ without \_\_\_\_\_  
\_\_\_\_\_ matter.

Chemical properties describe how a \_\_\_\_\_ with  
other \_\_\_\_\_.

Examples of Properties

Physical properties

Chemical properties

Phases of Matter

Solids \_\_\_\_\_ shape \_\_\_\_\_ volume  
particles \_\_\_\_\_

Liquids \_\_\_\_\_ shape \_\_\_\_\_ volume  
particles have \_\_\_\_\_ to \_\_\_\_\_

Gases \_\_\_\_\_ shape \_\_\_\_\_ volume  
particles \_\_\_\_\_

Types of Changes

physical change-- \_\_\_\_\_ in \_\_\_\_\_ of substance

chemical change-- \_\_\_\_\_ or more \_\_\_\_\_ substances produced

PHASE CHANGES ARE \_\_\_\_\_.

freezing point— \_\_\_\_\_ to \_\_\_\_\_

melting point— \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ point = \_\_\_\_\_ point

boiling point— \_\_\_\_\_ to \_\_\_\_\_

condensation point— \_\_\_\_\_ to \_\_\_\_\_

sublimation point— \_\_\_\_\_ to \_\_\_\_\_

### Examples of Changes

Physical Changes

Chemical Changes

Law of Conservation of Mass—Mass \_\_\_\_\_ be \_\_\_\_\_  
\_\_\_\_\_.

### The Chemistry Quiz

CR1. \_\_\_\_\_

CR2. \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_