

MID TERM QUIZ

A. MATTER

1. Complete the statements below

- Matter is anything that has _____
 - The three states of matter are (a) _____ (b) _____ (c) _____
 - An element is a substance that _____
 - A mixture is the contains two or more _____
 - The two types of mixtures are (a) _____ (b) _____
 - When heat is added into solids, they can turn into liquid this is called _____
 - When heat is added into liquid they can turn into gas. This process is called _____
 - When gas is cooled it can turn into liquid. this process is called _____
- #### 2. Match the following statements

Match.



a. Water is a...

solid.



b. Water vapour is a...

liquid.



c. Ice is a...

gas.

B. ELEMENT, COMPOUNDS AND MIXTURES

1. Match the definitions

- Contains two or more substances that are not chemically joined.

ELEMENT

- A substance which cannot be broken down into simpler component substances

COMPOUND

- Contains two or more elements chemically joined together.

PHYSICAL CHANGE

- A new compound (product) results from this change

CHEMICAL CHANGE

- No new product is formed in this type of change

MIXTURE

2. Write three examples each of Chemical and physical change

Physical change	Chemical change

3. Categorize the following into compound, element or mixture, write in each box.

1. Water	
2. Salt	
3. Hydrogen	
4. Oli + water	
5. Oxygen	
6. Pizza	
7. Air	

C. Separation techniques

Complete the sentences below with words in the box

Solvent / water / chromatography / filtration / distillation / evaporation / solute

- A substance that dissolves a solute, resulting in a solution. _____
- The minor component in a solution, dissolved in the solvent. _____
- The universal solvent is _____
- Separates liquids of different boiling point _____
- Separate liquid and solid by boiling of the liquid _____
- Separate liquids of different colors _____
- Separate a solid that can dissolve from the one that cannot dissolve _____