

Name: _____

Period: _____

Seat#: _____

Fill in the following definitions

| | Vocab Word | Definition |
|----|-------------------|--|
| 1) | Physical Property | |
| 2) | Physical Change | <i>Change in which the identity of the substance does NOT change</i> |
| 3) | Chemical Property | |
| 4) | Chemical Change | |


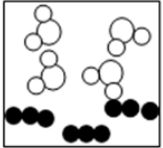

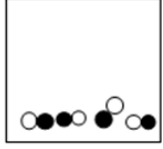
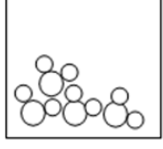
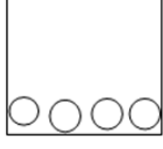
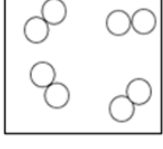

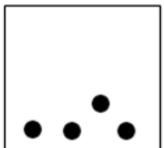
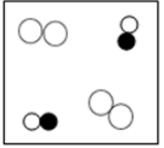
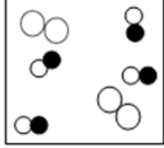
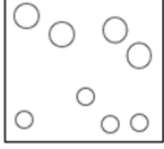

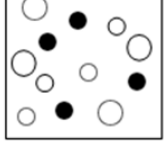
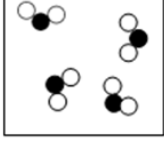
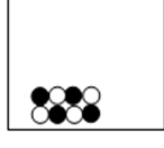
Identify each as either a chemical or a physical PROPERTY. Use C for chemical, P for physical.

| Statement | C or P | Statement | C or P |
|---|--------|-------------------------------------|--------|
| 5) Blue color | | 6) Density | |
| 7) Flammability | | 8) Solubility | |
| 9) Supports combustion | | 10) Sour taste | |
| 11) Melting point | | 12) Odor | |
| 13) Luster | | 14) Neutralize an acid | |
| 15) Boiling point | | 16) Hardness | |
| 17) Reacts with acid to form H ₂ | | 18) Reacts with water to form a gas | |

Identify each as either a chemical change or a physical CHANGE. Use C for chemical, P for physical.

| Statement | C or P | Statement | C or P |
|--|--------|---|--------|
| 19) Glass breaking | | 20) Hammering wood together | |
| 21) A rusting bicycle | | 22) Melting butter | |
| 23) Separating sand from gravel | | 24) Bleaching your hair | |
| 25) Frying an egg | | 26) Squeeze oranges for juice | |
| 27) Melting ice | | 28) Salt dissociating in water | |
| 29) Mixing oil and water | | 30) Water evaporating | |
| 31) Cutting grass | | 32) Burning leaves | |
| 33) Fireworks exploding | | 34) Cutting your hair | |
| 35) Crushing a can | | 36) Boiling water | |
| 37) Combustion | | 38) Melting | |
| 39) Dissolving sugar | | 40) Metabolizing | |
| 41) Filtering | | 42) Fermenting | |
| 43) Decomposing | | 44) Distilling | |
| 45) A pellet of sodium is sliced into two pieces | | 46) HCl reacts with NaOH to produce a salt, water, and heat | |
| 47) Potassium chlorate decomposes to potassium chloride and oxygen gas | | 48) Acid on lime stone produces carbon dioxide gas | |
| 49) Ice melts | | 50) Iron rusts | |
| 51) Crack an egg | | 52) Bake a cake | |

Directions: Identify each lettered box with as many of the following terms that makes sense: atom, molecule, compound, solid, liquid, gas, pure substance, mixture, homogeneous mixture, heterogeneous mixture. Highlight the words that apply.

| | | | | | | | | | | | | | |
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Group Review Activities – Done in class.