

CHEMICAL / PHYSICAL CHANGE WORK SHEET

NAME _____ PERIOD _____

A **PHYSICAL CHANGE** occurs when the physical properties become altered.

Cut paper in half, crunch a Frito, paint a boat, ice → water → steam.

A **CHEMICAL CHANGE** occurs when a substance becomes an entirely new and different substance.

Burn a match, digest some pizza, rust a bean can.

Directions: Decide if the changes are physical or chemical. Write the word chemical or physical in the boxes, next to the changes which have occurred. Spelling counts.

| CHANGES OCCURRING | TYPE OF CHANGE |
|--|----------------|
| Snow melting | |
| No new substance is produced | |
| Mud dries and changes to dust | |
| A match stick turns to ash while burning | |
| Produces a new substance with different properties | |
| Teeth crushing food | |
| Breaking a glass window with a baseball | |
| Making salt by mixing sodium and chlorine together | |
| Water changes to steam | |
| Stomach acids dissolving pizza | |
| Hydrogen and oxygen gas combining to become water | |
| Grape juice changing to wine (fermenting) | |
| An iron pipe rusting | |
| Dew forming on a leaf | |
| Bending a nail with a hammer | |