Name: Changes in Matter

**LETS GET PHYSICAL…**

**OR CHEMICAL CHANGES THAT IS!**

**DEMO**

**P.**

**O. (Qualitative and Quantitative?)**

**E.**

Label each process as a **physical** or **chemical** change:

a. perfume evaporating on your skin
b. butter melting
c. wood rotting
d. charcoal heating a grill
e. autumn leaves changing color
f. a hot glass cracking when placed in cold water
g. melting copper metal
h. burning sugar
i. mixing sugar in water
j. digesting food

2. Which of the following would **NOT** be a physical change?

a. freezing water to make ice cubes
b. melting gold to make jewelry
c. burning gasoline in a lawnmower
d. boiling water for soup
e. tearing a piece of aluminum foil

3. Which of the following is **NOT** a physical change?

a. grating cheese
b. melting cheese
c. fermenting of cheese
d. mixing two cheeses in a bowl

4. Which are **physical** and which are **chemical** changes?

a. boil
b. burn (combustion)
c. condense
d. corrode
e. crumple
f. ferment
g. melt
h. rust
i. crush
j. freeze
k. oxidize
l. tarnish
m. explode
n. grind
o. rot
p. vaporize
q. photosynthesis
r. sublimation

Label each process as a **physical** or **chemical** change:

a. fogging a mirror with your breath
b. breaking a bone
c. mending a broken bone
d. burning paper
e. slicing potatoes for fries
f. mixing sugar with coffee
g. frying chicken
h. a nail rusting
i. paper ripping
j. wood burning
k. mixing water and food coloring
l. food molding (rotting)
m. writing on paper
n. dyeing fabric