

Chemistry 0 Week 9 HW
Assigned on 12/05/2021 Due date: 12/11/2021

1. Determine if each is a physical or chemical change.
 - a. glass breaking
 - b. hammering wood together to build a playhouse
 - c. a rusting bicycle
 - d. separating sand from gravel
 - e. mixing lemonade powder into water
 - f. corroding metal
 - g. bleaching your hair
 - h. fireworks exploding
 - i. squeezing oranges to make orange juice
 - j. burning leaves

2. List two examples of chemical reactions that you observed in life.

3. Please name the following compounds:

a. NO

b. AlCl_3

c. KF

d. CO_2

e. H_2O

4. Please write the chemical formula for the following compounds:

f. dinitrogen tetroxide

g. phosphorus pentachloride

h. phosphorus trichloride

i. magnesium oxide

j. methane