Sci 9 CYU p170 #1-8

1. Diff between physical and chemical property: Physical properties are observable without changing the original substance’s properties. To see a chem properties (like flammability, the substance will change).
2. A) cooking bacon – chem

b) making icing - chem

c) baking a cake - chem

d) using oven cleaner - chem

e) making whipped cream – physical

3. a) salting ice on driveway – physical

b) burning leaves – chem

c) mixing sand with soil – phys

d) composting – chem

e) glue gun – physical

1. a) formation of limestone –

b) creation of a canyon by a river – physical

c) wearing of rocks by waves – physical

d) destruction by acid rain – chem

e) heaving by ice -physical

1. a) change in state – physical

b) change in size - phys

c) change in properties - chem

d) change in texture - usually chem but could be phys if you are just sanding something

e) change in quantity – phys

f) change in substance – chem

1. a) corrosion – chem

b) combustion – chem

c) dissolving -phys

d) evaporation – phys

e) decay – chem

f) digestion – chem

1. Physical change – reversible, no new substance , no change in properties
2. Chemical change – irreversible, new substance, new properties, change in energy.