Chemical Reactions **Modeling Tool**

Name _____ Date _____

Two Samples at the Atomic Scale

Goal: Create a model that represents a repeating group of atoms that could make up sample 2.
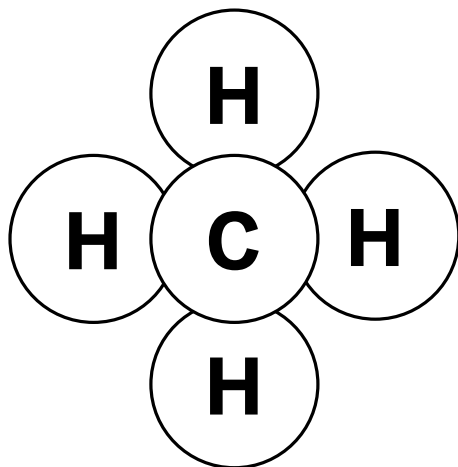
Sample 1

Made of: hydrogen (H) and carbon (C)
Smell: odorless
Boils at: -164ºC
Looks like: colorless gas

Repeating group of atoms:

Sample 2

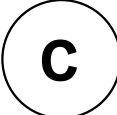Made of: hydrogen (H) and carbon (C)
Smell: similar to gasoline
Boils at: 36ºC
Looks like: colorless liquid

Repeating group of atoms:

Key

Atom Name	Color in model	
hydrogen	H	white
carbon	C	black