

CHEMISTRY HOMEWORK SHEET

NAME _____

14	29	Si
Si	14	
28.0855		14 protons 14 electrons 15 neutrons



For the following problems:

Write the chemical reaction

Provide the state of matter for each compound

Balance the equation

Determine what type of reaction it is

Octane is burned in air.

Type _____

Mercury (II) oxide breaks down into elemental mercury and oxygen gas.

Type _____

Lead (II) nitrate reacts with aluminum to produce lead and aluminum nitrate.

Type _____

Lead (II) nitrate reacts with sodium iodide to produce sodium nitrate and lead (II) iodide.

Type _____

Aqueous phosphoric acid is created by the reaction of solid tetraphosphorus decoxide and liquid water.

Type _____

Iron (III) hydroxide reacts with nitric acid to produce dihydrogen monoxide and iron (III) nitrate.

Type _____