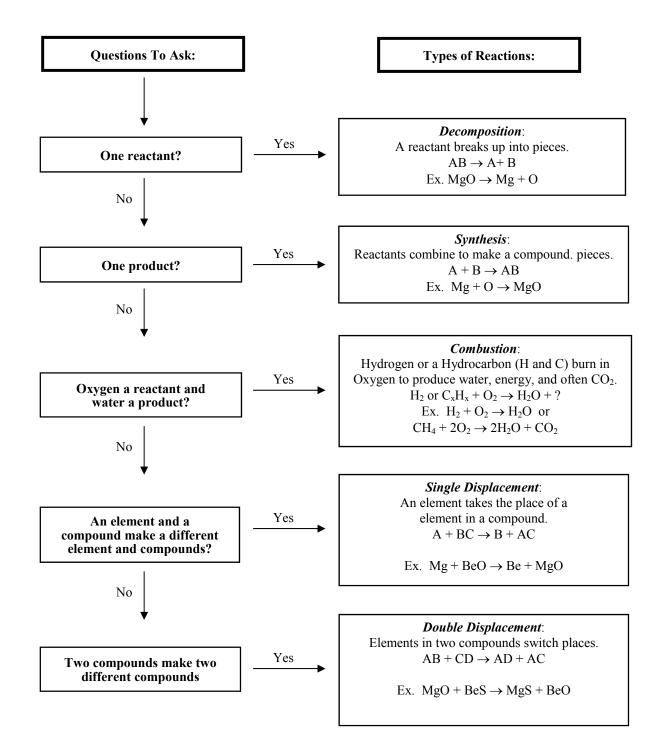
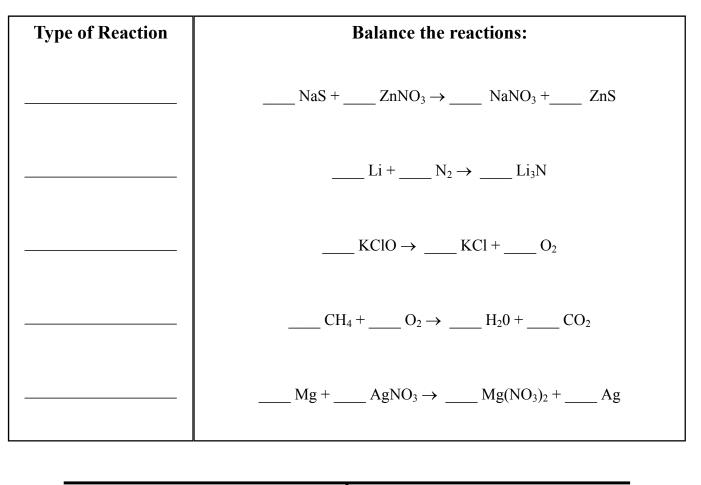
Period:

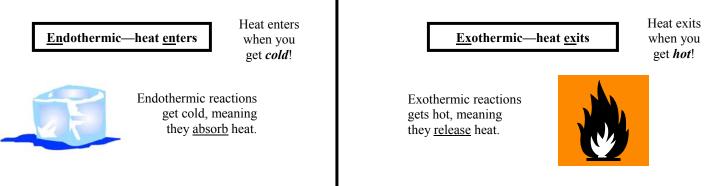


Туре	Description	Form	Example
Decomposition	Compounds break down.	$AB \rightarrow A+B$	$MgO \rightarrow Mg + O$
Ù^} c@∙ã ////////////////////////////////////	Compounds are formed.	$A + B \rightarrow AB$	$Mg + O \rightarrow MgO$
Combustion	Burning in oxygen, forms water and often CO <sub>2</sub> .	$C_xH_x + O_2 \rightarrow H_2O + ?CO_2$	$\mathrm{H_2} + \mathrm{O_2} \rightarrow \mathrm{H_2O}$
Single Displacement	One element replaces another in a compound.	$A + BC \rightarrow B + AC$	$Mg + BeO \rightarrow Be + MgO$
Double Displacement	Two elements switch places in two compounds.	$AB + CD \rightarrow CB + AD$	$MgO + BeS \rightarrow MgS + BeO$

Name:

Period:





So where does this heat come from? *Chemical Bonds!* When chemical bonds break or form they release or absorb *energy*.

 $2H_2 + O_2 \rightarrow 2H_2O$ 

Breaking these covalent bonds releases heat!

