## Printout

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<b>7</b> 1	
6 types	Name:
of cans	Date:
Chemical Reactions:	Block:
Lesson 13 – Types of Chemical Reactions	
1) Synthesis: $A + B \rightarrow AB$	
$Ex. 2Mg + O_2 \rightarrow 2MgO$	
Na + Clz -> Nacl	
2) Decomposition: AB $\rightarrow$ A + B	
$Ex. H_2O_2 \longrightarrow H_2 + O_2$	Single Replacement:
2mg0 -> 2mg + Oz	A + BC $\rightarrow$ B + AC when A is a me
3) Single Replacement: A + BC $\rightarrow$ B + AC	$A + BC \rightarrow C + BA \text{ when A is a non-r}$
$Ex. LH_2 + 2mgO - 32mgH_2 + O_2$	
Ex. F2 + NaI -> I2 + NaF	
4) Double replacement: AB + CD $\rightarrow$ CB +	AD
Ex. Alz (504), +3Baclz ->3Basoy +	ZAICH
	<b>,</b>
Ex.	
5) Neutralization: Acid + Base → Salt + V	Vater
Ex. HCI + NaOH -> NacI + H20	)
Ex. H250y + Mg (OH)2 -> Mg 50y +	H2U
6) Combustion: Organic Compound + Ox	xygen Gas → Carbon
of combustion. Organic combound - O	
	alone Hint: C, H, O
Dioxide + Water 4 Hos C and H B	alone Hint: C,H,O
Dioxide + Water $43$ Hos C and H B Ex. CHy $+2\partial_2 \rightarrow CO_2 + 2H_2O$	alone Hint: C,H,O
Dioxide + Water 4 Hos C and H B	alone Hint: C,H,O