Desc	criptive Abbrev	<u>iations</u>	
()		
()		
()		
Dete	ermining State	at Room Temperature	
		are solids except for _	which
	is a	,	
•	Most	are	_ with these exceptions:
	o liquid		
	o solids		
		,, and	
•	All	are solids.	
•		compounds are	_, unless stated otherwise.
•		compounds are	_, unless stated otherwise.
Wher	n heated, solid m	nercury (II) oxide yields mercury	y and oxygen gas.
<u>Clas</u> :	sifying Reactio	<u>ns</u>	
1. Sy	nthesis:		
•		or	_ substances combine to
	form a more	substance	

• Fe (s)+_____→

• H₂O (/)+____

2. Decomposition:

• A _____ substance is _____ _ into _____ or more _____ substances.

• AB →

• 2H₂O (/) → _____ + ____

3. Single Replacement:

• A free _____ replaces a _____ _ element in a ______.

• A + BY → _____ + ____

• Zn(s)+ \longrightarrow + \dots

• 2AI(s)+ \longrightarrow + \dots

• Cu (s)+ MgCl₂ (aq) \rightarrow

o Activity series: an ______ of elements in the order of their _____ to ____

Activity Series of Metals

Decreasing Activity

Lithium Potassium **Barium** Calcium Sodium Magnesium **Aluminum** Manganese Zinc Chromium Iron Cadmium **Nickel** Tin Lead (Hydrogen) Copper Mercury Silver Gold

4. Doub	le Repl	lacement:
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•	The	of reacting	
	each other		

- Also called _____ reactions
- AX + BY → _____ + ____

Lesson 73: Types of Reactions Notes (cont.) Chemistry with Lab

• 2KI (ag)+ → +

<u>Precipitate</u>

may be _____ in an equation by _____ or

NaCl $(aq)+ \longrightarrow +$, or of the

5. Combustion:

Involves the of a substance with

Often called ______.

The _____ of a ____

produces _____ and _____.

• $C_xH_y + O_2 \longrightarrow$ _____ + ____

• $C_3H_8(g)+5O_2(g) \rightarrow$ ______+

• CH₄ (g)+ _____ + ____

The Chemistry Quiz

CR1. CR2. 1. 2. 3.

4. _____ 5. ____