

## SPRING BENCHMARK #1 Review Problems – CHUNK #3

<i>Write and balance the following</i>			
1		Beryllium chloride reacts with silver nitrate and make beryllium nitrate and silver chloride	
2		C <sub>3</sub> H <sub>8</sub> O burns in oxygen. Carbon dioxide and water are produced.	
<i>Use the following information to identify the type of reaction, name predicted products, and to write a balanced skeleton equation</i>			
Q#	Type	Reactants	Names of Predicted Products
3	D	potassium chlorate	potassium chloride + oxygen
		Balanced Skeleton Eq.	
4		aluminum nitrate + sodium hydroxide	
		Balanced Skeleton Eq.	
5		ammonium nitrite	nitrogen + water
		Balanced Skeleton Eq.	
6		iron(III) bromide + ammonium sulfide	
		Balanced Skeleton Eq.	
7		calcium oxide + diphosphorus pentoxide	calcium phosphate
		Balanced Skeleton Eq.	
8		aluminum + copper (II) chloride	
		Balanced Skeleton Eq.	
9		bromine + magnesium iodide	
		Balanced Skeleton Eq.	
10		sodium bicarbonate	sodium oxide + carbon dioxide + water
		Balanced Skeleton Eq.	
11		aluminum + oxygen	
		Balanced Skeleton Eq.	
12		iron (II) + silver acetate	
		Balanced Skeleton Eq.	