ICP Reactions Review

Name

- 1. Find your Ch. 7 Reactions Vocabulary and STAPLE it to this paper!
- 2. Find the following molar masses

25 molecules of silver

250 molecules of lithium hydroxide

147 molecules of ammonium sulfate

2795 molecules of lead nitrate

972 molecules of nitroglycerin

3. Identify the following changes and tell if they are physical, chemical, or both. If it is both, you need to identify the part that is physical and the part that is chemical.

A cow eating grass:	Wood being split with an axe:	A hotdog being burnt in a fire:
Bee Sting:	Water freezing:	Rust forming on your car:

4. Balance the following equation.

 $__Na + __HBr \rightarrow __H_2 + __NaBr$

 $\underline{\quad K + \underline{\quad } |_2 \rightarrow \underline{\quad K |}$

 $_$ _Na + $_$ _MgF₂ \rightarrow $_$ _NaF + $_$ _Mg

$\underline{\qquad} C_3H_8 + \underline{\qquad} O_2 \rightarrow \underline{\qquad} CO_2 + \underline{\qquad} H_2O$
BaF₂ +K₃PO₄ →Ba₃(PO₄)₂ +KF
H₂SO₄ +Mg(NO₃)₂ _→ MgSO₄ + HNO₃
$WO_3 + H_2 \rightarrow W + H_2O$

5. Tell if the following equations are balanced and tell the type of reaction that is occurring.

$3 \text{ NaBr} + \text{H}_3\text{PO}_4 \rightarrow \text{Na}_3\text{PO}_4 + 2 \text{ HBr}$	Balanced: YES	NO
Reaction type:		
3 Mg + Fe₂O₃ → 2 Fe + 3 MgO	Balanced: YES	NO
Reaction type:		
2 HNO3 → N2O5 + H2O	Balanced: YES	NO
Reaction type:		
Na ₂ O + 2 H ₂ O \rightarrow 2 NaOH	Balanced: YES	NO
Reaction type:		