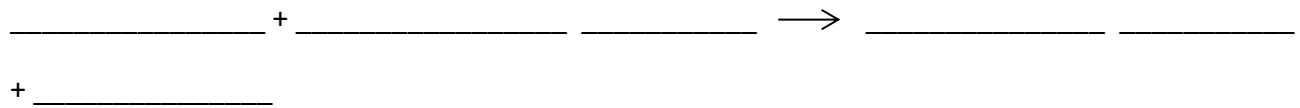
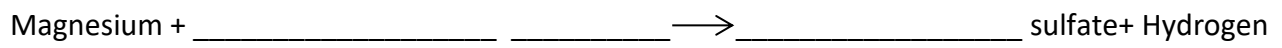
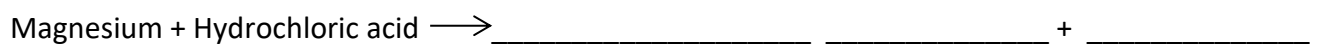


Acids Attack Metals

1. Fill test tube $\frac{1}{4}$ full with acid
2. Take temperature of acid, record in table
3. Add a piece of magnesium
4. Place on the bung
5. Allow the gas to build up
6. Test gas with lit splint
7. Take the temperature of the acid and magnesium, record in table
8. Record results into table
9. Pour waste into waste container
10. Repeat for a different acid

	Magnesium + Hydrochloric acid	Magnesium + Sulphuric acid	Magnesium + Nitric acid
Observations			
Temperature Before ($^{\circ}\text{C}$)			
Temperature After ($^{\circ}\text{C}$)			
Temperature Change ($^{\circ}\text{C}$)			
Result of Hydrogen Test			
Name of salt formed			

Complete the equations:



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	Magnesium + Hydrochloric acid	Magnesium + Sulphuric acid	Magnesium + Nitric acid
Observations			
Result of Hydrogen Test			
Name of salt formed			

Complete the equations:

Magnesium + Hydrochloric acid \longrightarrow _____ + _____

Magnesium + _____ \longrightarrow _____ sulphate + Hydrogen

_____ + _____ \longrightarrow _____
+ _____