Stations: Types of Chemical Reactions and Solution Stoichiometry (ch. 4)

# Precipitations Reactions

NOTES

1. What four things must you know to determine if a precipitation reaction will occur? \*summarize!\*
	1.
	2.
	3.
	4.
2. Write down the solubility rules. You must remember these as they are not given to you.

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AP PRACTICE QUESTIONS





# Describing Reactions in Solutions

NOTES

1. Define the following terms:
	1. Strong electrolyte
	2. Formula equation
	3. Complete ionic equation
	4. Net ionic equation
	5. Spectator ions

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AP PRACTICE QUESTIONS





# Acid/Base Reactions

NOTES

1. Compare and contrast Arrehenius’s concept of an acid and a base and Bronsted and Lowry’s definition.
2. Describe how the products in the equation below were formed/determined.



1. What are the steps needed to calculate reactants and products in an acid-base reaction.

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# Redox Reactions

NOTES

1. Define the following terms:
	1. Redox reaction
	2. Reduction
	3. Oxidation
	4. Oxidation number (state)
	5. Oxidizing agent
	6. Reducing agent
2. What are the rules for assigning oxidation states? (Note: there are two slides with the same info on them but in different formats)

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