**DOUGHERTY VALLEY HS CHEMISTRY EQUATIONS AND CONSTANTS**

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| **EQUILIBRIUM and ACID BASE** | |
|  | **Equilibrium Constant:** |
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| **THERMOCHEMISTRY** | |
| **No Phase Change:**  **Phase Change:**    **Calorimetry:** | **Specific Heats:**  Water  Steam  Ice  **Latent Heats:**  Fusion Vaporization  **Energy Conversion:** |

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| **GASES** | |
| **Ideal Gas Law:**  **Combined Gas Law:**  **Dalton’s Law:**  **Molar Mass:**  **Gas Density:**  **Kinetic Energy:**  **Temperature Conversion:** | **Volume of Ideal Gas at STP:**  **Ideal Gas Constants:**        **Pressure Conversions:** |

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| **SOLUTIONS** | **ENTHALPY** |
| **Molarity:**  **Mass Percent:**  **Mole Fraction:** |  |