

Name: \_\_\_\_\_

## Exam 3 Equations (Chapters 5-7)

$$\Delta G = \Delta H - T\Delta S$$

$$K = \frac{[C]^c [D]^d}{[A]^a [B]^b}$$

$$\Delta H_{rxn} = \sum_{Broken} n \cdot E_{Bond} - \sum_{Formed} n \cdot E_{Bond}$$

$$\%Yield = \frac{ActualYield}{TheoreticalYield} \times 100\%$$