

## Chemistry 101 Homework

### HW 1 - *Atoms and Molecules*

Ch 2: 55, 59, 73, 91, 99      Ch 3: 43, 69, 81, 87, 99

### HW 2 - *Chemical Quantities*

Ch 4: 25, 31, 37, 47, 49, 55, 57, 65, 67, 71

### HW 3 – *Aqueous Reactions*

Ch 4: 75, 77, 79, 81, 83, 85, 87, 89      Ch 18: 37, 41

### HW 4 - *Gases*

Ch 5: 29, 35, 37, 39, 41, 51, 57, 61, 67, 73

### HW 5 - *Thermochemistry*

Ch 6: 33, 41, 47, 57, 59, 63, 65, 69, 71, 77

### HW 6 – *Quantum Mechanics*

Ch 7: 37, 39, 41, 45, 53, 57, 59, 67

### HW 7 – *Electron Configurations*

Ch 8: 41, 43, 45, 47, 51, 59, 61, 65, 73, 75

### HW 8 – *Lewis Structures*

Ch 9: 41, 51, 53, 55, 59, 61, 63, 67, 73, 83

### HW 9 – *Valence Bond/ Molecular Orbital Theory*

Ch 10: 31, 33, 37, 49, 53, 55, 59, 63, 69, 75

### HW 10 – *Intermolecular Forces*

Ch 11: 51, 55, 73, 81, 83, 85, 87, 95, 97, 99

### HW 11 (Extra Credit) - *Solutions*

Ch 12: 33, 49, 51, 59, 63, 67, 69, 75, 77, 83