

HOMWORK ASSIGNMENTS

Homework Assignment # 1. MEASUREMENT.

Significant Figures, Rounding, Exponential Notation

Chapter 2 page 39-40: 20, 21, 22, 24, 25, and 26
Chapter 2 page 40, 44: 27, 28, 47, 48, 55, 56, 58, 71, 64, and 67

Questions due 21, 25, 27, 47, 55, 67, and 71

Homework Assignment # 2. PROPERTIES OF MATTER.

Chapter 3 page 61-62: 3, 5, 7, 8, 13, 19, 27, and 29
Chapter 3 page 62 - 63: 34, 37, 39, 41, 45, 51, 58
Chapter 4 page 77 : 25, 27, 29, 32, 33, and 34

Questions due: 3, 5, 13, 19, 27 (4), 32, 37, 41, and 58

Study Tips:

- ***DO EXERCISES FROM CHAPTER 1-4 REVIEW (PP. 79-81).***
- ***PREPARE QUESTIONS FOR RECITATION SESSION.***

Homework Assignment # 3. EARLY ATOMIC THEORY. NOMENCLATURE.

Chapter 5 page 98 - 99: 12, 22, 27, 29, 31, 39, 40
Chapter 6 page 121 – 123 9, 11, 13, 16, 23, 31, 36

Questions due: 12, 27, 31, 9, 11, 13, 31, and 36

Study Tips:

- ***DO EXERCISES FROM CHAPTER 5-6 REVIEW (PP. 124-125).***
- ***PREPARE QUESTIONS FOR RECITATION SESSION.***

Homework Assignment # 4. QUANTITATIVE COMPOSITION.

Chapter 7 page 145: 11, 12
Chapter 7 page 145-146 13, 15, 16, 23, 27
Chapter 7 page 146-147 29, 30, 33, 35

Empirical and Molecular Formulas

Chapter 7 page 147-148 37, 39, 41, 43, 50, 51, 60, 69

Questions due: 11, 13, 15, 23, 27, 29, 33, 35, 37, 41, 43, and 69

Homework Assignment # 5. CHEMICAL EQUATIONS.

Chapter 8 page 169-171: 5, 6, 9, 11, 13, 15, 17, 19, 21
Chapter 17 page 458-460 23, 25, 27, 29, 31, 33, 48, 51, 52

Questions due: 5, 11, 13, 25, 27, 31, 48, 51, and 52

Homework Assignment # 6. STOICHIOMETRY.

Chapter 9 page 189:	1, 3, 5, and 7
Chapter 9 page 190:	9, 11, 13, 15, 19
Chapter 9 page 191	23, 25, 27, 29, 30
Chapter 9 page 192	37, 43

Questions due: 1, 5, 11, 13, 15, 25, 27, and 43

Study Tips:

- **DO EXERCISES FROM CHAPTER 7-9 REVIEW (pp. 194-197) and on page 463 (44-64).**
- **PREPARE QUESTIONS FOR MIDTERM REVIEW SESSION.**
- **PREREAD CHAPTER 10**

Homework Assignment # 7. MODERN ATOMIC THEORY AND PERIODIC TABLE.

Chapter 10 page 216 - 217:	21, 23, 27, 29, 33, 43
Chapter 10 page 217 - 218:	45, 47, 49, 51, 53, 55, 57, 67

Questions due: 21, 23, 33, 43, 47, 49, 55, 57, and 67

Homework Assignment # 8. THE CHEMICAL BOND, LEWIS STRUCTURES.

Chapter 11 page 251:	17, 19, 25, 29
Chapter 11 page 252-253:	33, 35, 39, 41, 45, 49, 53, 55, 57

Questions due: 17, 19, 29, 33, 35, 39, 41, 45, 49, 53, 55, and 57

Study Tips:

- **DO EXERCISES FROM CHAPTER 10-11 REVIEW (pp. 255-257).**
- **PREPARE QUESTIONS FOR RECITATION SESSION.**

Homework Assignment # 9. GAS LAWS.

Chapter 12 page 295 - 297:	33, 37, 39, 41, 43, 49, 55, 61, 69, 71, 81, 85
Chapter 13 page 326:	14, 16, 18

Questions due: 33, 37, 41, 55, 69, 81, 14, 16, and 18

Homework Assignment # 10. SOLUTIONS, CHEMICAL EQUILIBRIUM, ACIDS/BASES

Chapter 14 page 361-362:	51, 61, 63, 65, 69, 71
Chapter 16 page 430 :	31, 37, 41, 47, 51, 57
Chapter 15 page 400 - 401:	46, 48, 56, 64

Questions due: 51, 61, 47, 51, 57, 46, 48, 56, and 71

Study Tips:

- **DO EXERCISES FROM CHAPTER 15-17 REVIEW (PP. 461-462).**
- **PREPARE QUESTIONS FOR FINAL REVIEW SESSION.**