

## UNIT 5: FORMULAS AND EQUATIONS



## Vocabulary

Define and know the meaning of each of the following terms.

- |                        |                       |                       |                         |                         |
|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| 1. aqueous             | 7. decomposition      | 12. exothermic        | 18. molecular formula   | 24. reversible reaction |
| 2. balancing equations | 8. double replacement | 13. formula mass      | 19. percent composition | 25. single replacement  |
| 3. catalyst            | 9. empirical formula  | 14. gram formula mass | 20. percent yield       | 26. stoichiometry       |
| 4. chemical equation   | 10. endothermic       | 15. limiting reactant | 21. precipitate         | 27. synthesis reaction  |
| 5. chemical formula    | 11. end reaction      | 16. mole              | 22. products            |                         |
| 6. coefficient         |                       | 17. mole ratio        | 23. reactants           |                         |



## Reading and Study

## ASSIGNMENT

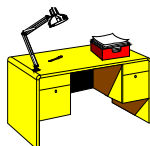
Chapter # 8

Chapter # 9

## SECTIONS

8.1-8.3

9.1-9.3



## Homework Reading and Questions

Write down the due date when the homework is assigned. Place a check in the check box when you hand it in.

✓	READING	QUESTIONS/PAGE	DUE DATE
<input type="checkbox"/>	HW#31 Read p. 221-222;	Answer question 30 on p. 236	_____
<input type="checkbox"/>	HW#32 -	Answer question 38 on p. 237	_____
<input type="checkbox"/>	HW#33 Read p. 226-228;	Answer question 6 on p. 228, and questions 34-35 on p. 237	_____
<input type="checkbox"/>	HW#34 Read p. 241-242;	Answer question 1 on p. 269	_____
<input type="checkbox"/>	HW#35 Read p. 242-248;	Answer question 4 on p. 254	_____
<input type="checkbox"/>	HW#36 Read p. 256-267;	Answer question 2 on p. 264	_____
<input type="checkbox"/>	HW#37 Read p. 250-254;	Answer questions 25-29 (parts a and b only) on p. 271	_____
<input type="checkbox"/>	HW#38 Read p. 80-85 and p. 222-226;	Answer questions 3-5 on p. 228	_____
<input type="checkbox"/>	HW#39 Read p. 229-233;	Answer questions 1-5 on p. 233	_____
<input type="checkbox"/>	HW#40 Read p. 248-249 & p. 275-282 (top);	Answer questions 10-11 on p. 296	_____
<input type="checkbox"/>	HW#41 Read p. 282-287;	Answer questions 2-4 on p. 287	_____
<input type="checkbox"/>	HW#42 Read p. 288-291;	Answer questions 1-3 on p. 294	_____
<input type="checkbox"/>	HW#43 Read p. 293-294;	Answer question 4 on p. 294, and question 29 on p. 297	_____