

Diagnostic Test 1 Analysis

Name: _____
Block: _____

Evaluating Your Results

Score your test using the answer key. Then complete the following tables. The first table is designed to find your general strengths and weaknesses based on four broad categories. The second table is a more specific diagnostic chart that will suggest which particular chapters you should concentrate your studies on. In combination, these two tables will help you focus your efforts on the material that needs the most study.

Question Categories

Question Type	Questions	Number Wrong
Basic Facts	1, 4, 11, 12, 16, 21, 23, 24, 28, 29, 31, 36	
Basic Concepts	3, 5, 7, 8, 9, 13, 18, 19, 20, 22, 30, 31, 35, 40, 42, 44, 45	
Calculations	2, 6, 17, 25, 26, 32, 33, 38, 39, 41	
Mixed Concepts	10, 12, 14, 15, 19, 20, 27, 30, 34, 35, 37, 43	

Breakdown by Topics

Chapter	Questions	Number Wrong
1. Structure of the Atom	3, 21, 31	
2. Periodic Table	4, 7, 11	
3. Ionic Compounds and Reactions	14, 29	
4. Covalent Compounds	10, 15, 19, 28	
5. Stoichiometry	1, 17, 25, 32, 41	
6. Gases	6, 20, 37	
7. Liquids and Solids	13, 22, 30, 40	
8. Solutions	33, 36, 42	
9. Equilibrium	26, 38, 44	
10. Kinetics	12, 18, 45	
11. Thermodynamics	2, 5, 9, 38	
12. Redox and Electrochemistry	24, 27, 43	
13. Acids and Bases	8, 23, 34, 35	