

Name: _____ Date: _____ Hour: _____

1. What did early Greek philosophers believe about the universe?
2. Define and describe atomos.
3. How did Greek philosophers confirm ideas or theories?
4. Why were many ideas rejected or never discovered in Ancient Greek times?
5. What did scientists start to notice about substances in the late 1700s?
6. Define the law of definite proportions.
7. What couldn't the law of definite proportions explain?
8. Who was John Dalton?
9. What is the law of multiple proportions?

10. What is Dalton's Atomic Theory?

11. Which parts of Dalton's Theory is still considered true and which parts have been proven wrong?

12. What did Goldstein contribute to the atomic model?

13. How is Goldstein's atom different from Dalton's?

14. What did J.J. Thomson contribute to the atomic model?

15. How did he discover electrons?

16. How was Thomson's model different from previous models?

17. What is Quantum Theory and how does it apply to the field of chemistry?

18. What did Rutherford contribute to the atomic model?

19. How did Rutherford discover the positive nucleus?

20. How is Rutherford's model different from previous models?

