

NAME: _____

Chemistry: A Volatile History Episode 1 - Discovering the Elements

1. What is an element?
2. Greek elements were:
3. What was Paracelsus' claim? What evidence and reasoning did he use to support that claim?
4. What was Brandt's original claim? What evidence and reasoning did he use to support that claim?
5. What did Brandt actually discover?
6. What useful item did Boyle's experiment lead to?
7. What was Becker's claim about phlogiston? What evidence and reasoning did he use to support that claim?

8. What was Cavendish's claim? What evidence and reasoning did he use to support that claim?
9. What did Cavendish actually discover?
10. What was the Hindenburg? What happened and why?
11. What was Priestley's claim? What evidence and reasoning did he use to support that claim?
12. What gas did Priestley actually discover?
13. Lavoisier used a quantitative approach to investigate...what did he do?
14. What was Lavoisier's claim? What evidence and reasoning did he use to support that claim?
15. What gas did Lavoisier discover?