

As you watch the videos, do your best to answer the following questions.
This worksheet is due at the end of the hour whether you finish or not.

1. What are the fundamental building blocks of matter? _____
2. How many elements have been discovered? _____
3. What is a vertical column called? _____
4. What is a horizontal row known as? _____
5. What is the nucleus made of? _____
6. What is the atomic mass? _____

7. What is the atomic number equal to? _____
8. What are important in chemistry? _____
9. What are the “glue” of chemical bonds? _____
10. Name two physical properties: _____
11. Where do electrons fill first? _____
12. What shell is most important? _____
13. What is the name of group 18? _____
14. What is the name of group 1? _____
15. Why are alkali metals quick to bond? _____

16. How many dots do alkali metals get? _____
17. What equals the atomic number? _____
18. What does the word *halogen* mean? _____
19. Metals tend to _____ electrons.
20. Silicon is a _____.
21. Elements to the _____ of the stair-step are nonmetals.
22. What is one thing you already knew that this video talked about? _____

23. What is one thing this video helped you remember? _____

Invention: Elements and Compounds

24. What did Marie and Pierre Curie discover in 1898? _____

25. What color did radium glow? _____

26. Which is more powerful, natural radiation or artificial radiation? _____

27. What killed Marie Curie? _____

28. What safety rule does Bob break? _____

29. What does a semi-permeable membrane filter out? _____

30. How much water do astronauts use every day? _____

31. What do analgesics do? _____

32. What was wrong with willow bark? _____

33. What was discovered in 1971? _____

34. What was one positive of these videos? _____

35. What was one negative of these videos? _____

36. Should these videos be shown to students next year? Give a reason for your answer. _____

