

Research it! Scientific Notation

Name: _____ Date: _____ Per: _____

Directions: In your notebook you will complete this assignment using Cornell Notes. Write each of the questions below, research the answers and be able to share the following: the Who, What, Where, When, Why and How of Scientific Notation. Be thorough and complete in your investigation. Don't forget to include a summary!

On the back of this page, write what sources you used to find your information (including the web addresses).

Check off each item as it is complete and written in your notebook. When you are finished, post the links to the videos on our Google Classroom site. I will start a thread--add your videos as responses underneath it. You will earn credit for your notes as well as posting the video links.

There will be an open note quiz to see what you've learned.

- ____ 1) What is the definition of scientific notation? Come up with a definition that is easy for your peers to understand.
- ____ 2) Who uses scientific notation (be specific)? Where do they use it? (Specific places)
- ____ 3) When and why do we use scientific notation? (Specific or generalized instances)
- ____ 4) How do we use scientific notation?
 - ____ What are the rules to follow when using scientific notation?
- ____ 5) Give **one example with clear step-by-step directions** for writing a very large number in scientific notation
- ____ 6) Give **one example with clear step-by-step directions** for writing a very small number in scientific notation
- ____ 7) Give **one example with clear step-by-step directions** for converting a number written in scientific notation back into its large number self (standard form number)
- ____ 8) Give **one example with clear step-by-step directions** for converting a number written in scientific notation back into its small number self (standard form number)
- ____ 9) Give **one example with clear step-by-step directions** for adding numbers written in scientific notation
- ____ 10) Give **one example with clear step-by-step directions** for subtracting numbers written in scientific notation
- ____ 11) Give **one example with clear step-by-step directions** for multiplying numbers written in scientific notation
- ____ 12) Give **one example with clear step-by-step directions** for dividing numbers written in scientific notation

____ 13) Find at least 3 videos that make learning scientific notation easier to understand. Watch the videos to make sure they are USEFUL. Write the title of the videos below. Post the links of the videos to Google Classroom Thread I have started on Scientific Notation.

____ 14) Attribute your sources by listing what websites you used to gather your information, and the URL of each website.