**CHE1031 video tutorial: Scientific notation: introduction[[1]](#footnote-1)**

**Please watch the video linked in the footnote and then answer these questions.**

1. Scientific notation is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ way of writing (expressing) numbers that are really large or really small.
2. How do you decide where to put the decimal? How many digits should be before the decimal in a number expressed in scientific notation?
3. How do you know what the exponent value should be?
4. How do you know whether the exponent should be positive or negative? How does the sign of the exponent relate to the direction in which you moved to change the placement of the decimal?

**5.** What do you find most difficult when using scientific notation?

1. Scientific notation: introduction, Tyler DeWitt

   <https://www.youtube.com/watch?v=Dme-G4rc6NI> [↑](#footnote-ref-1)