

NUMBERS IN SCIENTIFIC NOTATION

Listen and watch carefully this video : <http://video.answers.com/learn-about-numbers-in-scientific-notation-285015778> then try to put the sentences below in the right order.

- A)** Step 1 is : we ... heu... place a decimal [spof], a decimal point after the first digit, OK?
- B)** How many do we have? So in this case we have : one, two, three, four, five, six, seven, eight, nine, ten, eleven, right?
- C)** Step 4 : I multiply by ten to the power of eleven which is the count that I got here, OK?
- D)** In this lesson we will learn how to write large numbers in scientific notation.
- E)** Now the way scientific notation works is you've got the first numbers multiplied by the second number.
- F)** So after the first digit, I place the decimal point.
- G)** Now this eleven is what we place here, OK? Fairly simple.
- H)** First number is between one and ten – right? - is usually a number between one and ten, and the second number is ten raised to the power of something, OK?
- I)** So, in order to convert this number which is a very large number into scientific notation, what we do is to follow a few steps.
- J)** Taking a little bit of extra space.
- K)** Step 3 : We drop all zeroes, so [what am I left with] one dot four three, cause I dropped all the zeroes, right?
- L)** So let's learn how to do this.
- M)** We've got two problems.
- N)** Now scientific notation was designed to represent really large numbers, OK?
- O)** So in this case it will be one four three, zero zero zero, zero zero zero, zero zero zero.
- P)** Step 2 is : we measure or we count digits to the right of the decimal point, OK?
- Q)** So what we get : final answer is one point four three multiplied by ten raised to the power of eleven.
- R)** What we do now? Now that we've done this?
- S)** It's usually written as two numbers which are multiplied.
- T)** The first problem : [one first] to write the number one four three followed by nine zeroes in scientific notation.