Scientific Notation

Revise writing large and small numbers in standard form.
Look at the help sheet for standard form from the S1/2 Level 3/4 course.

Scientific Notation on the Calculator

You should be able to enter the number 4.3×10^7 on you calculator.
All calculators are different. Ask your teacher for help if you are unsure.
You should be able to solve problems which include numbers written in standard form.

Example
One atom of gold weighs 3.27×10^{-22} grams.
How many atoms will there be in one kilogram of gold?
Give your answer in scientific notation correct to 2 significant figures.

$1000 \div 3.27 \times 10^{-22} = 3.1 \times 10^{24}$ atoms of gold

Scientific Notation Practice

http://www.cimt.plymouth.ac.uk/projects/mepres/book9/bk9i3/bk9_3i4.html

Read about scientific notation. Answer the questions

http://www.supermathsworld.com/ Ask your teacher for the login details.

Select NUMBER from the menu. Select STANDARD FORM. Try on EASY, MEDIUM and HARD level.