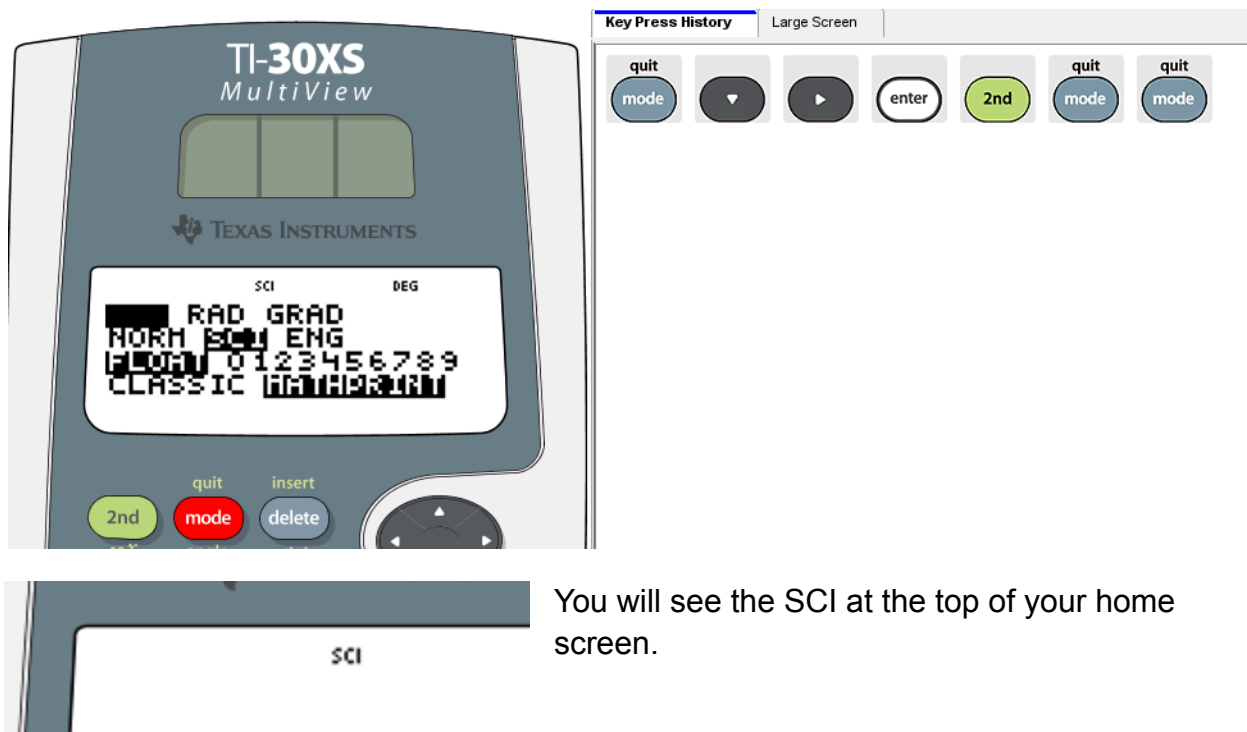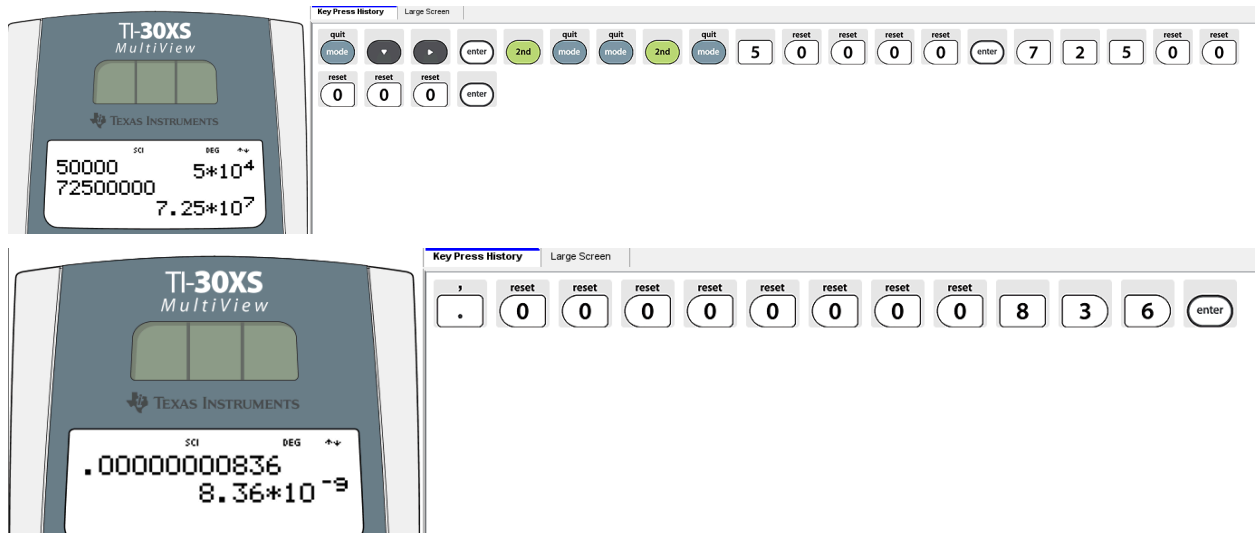## Scientific Notation on the TI 30xs

Converting a Number to Scientific Notation

1. Switch to Scientific Notation mode
   a. Press Mode
   b. Use the down arrow to get to the second row and then the right arrow to move over 1 place to Sci
   c. Press enter then Quit [2nd mode] to get back to the home screen.

You will see the SCI at the top of your home screen.

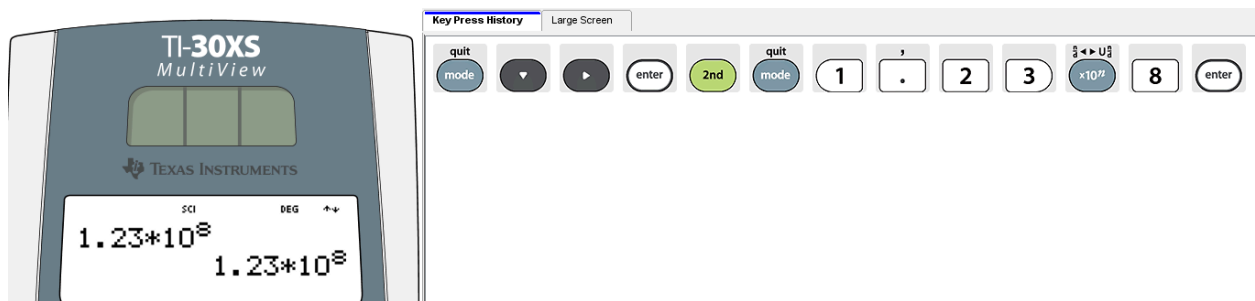To convert a number from standard form to scientific notation enter the number and press enter.

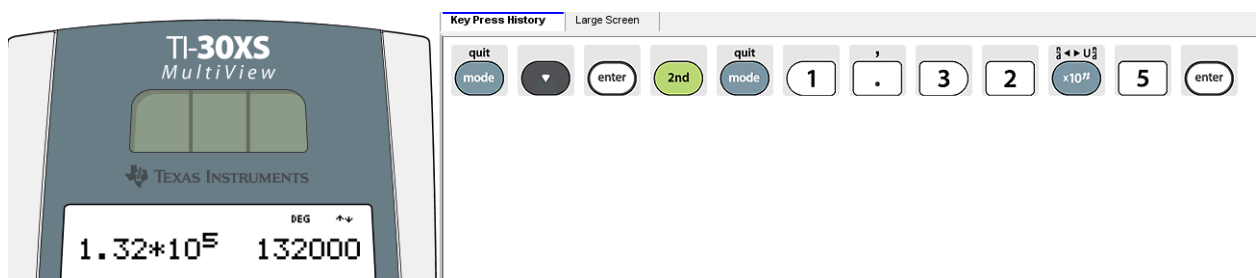Entering a Number in Scientific Notation

1. Enter the number part

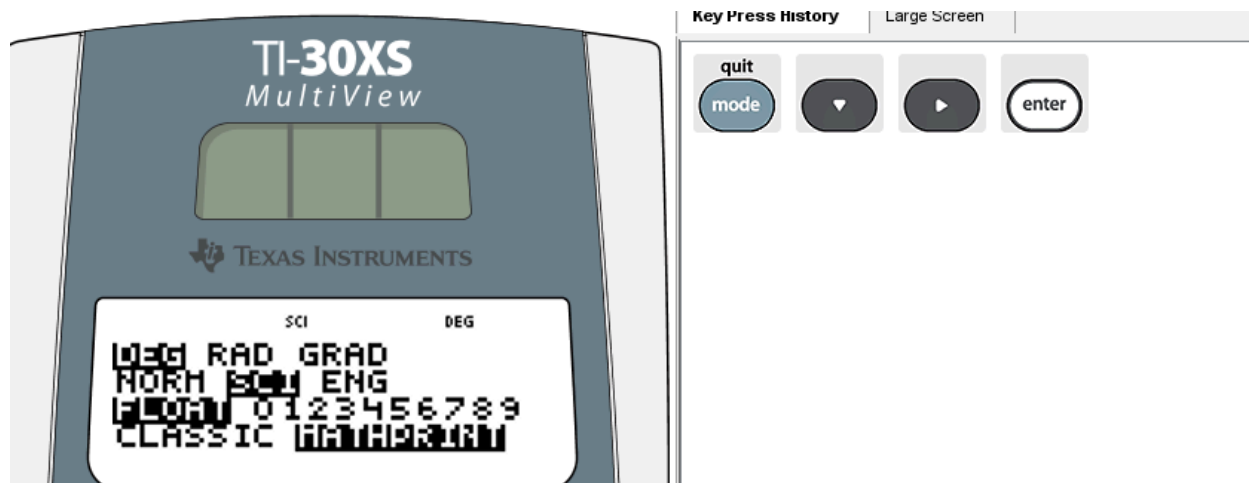2. Press the $\times 10^{n}$ key

3. Enter the power of 10

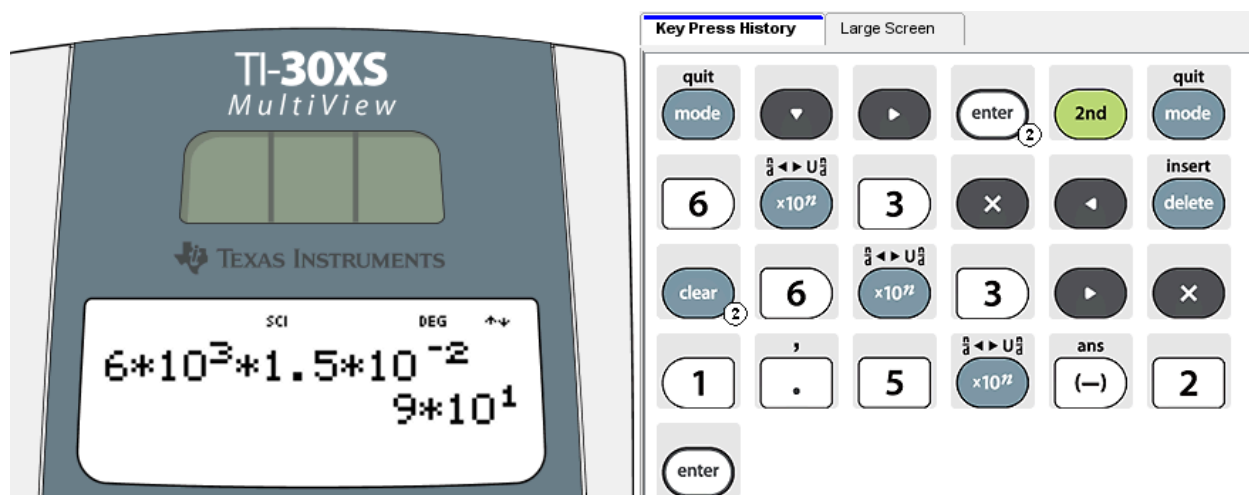If you are SCI mode the number will remain in scientific notation.

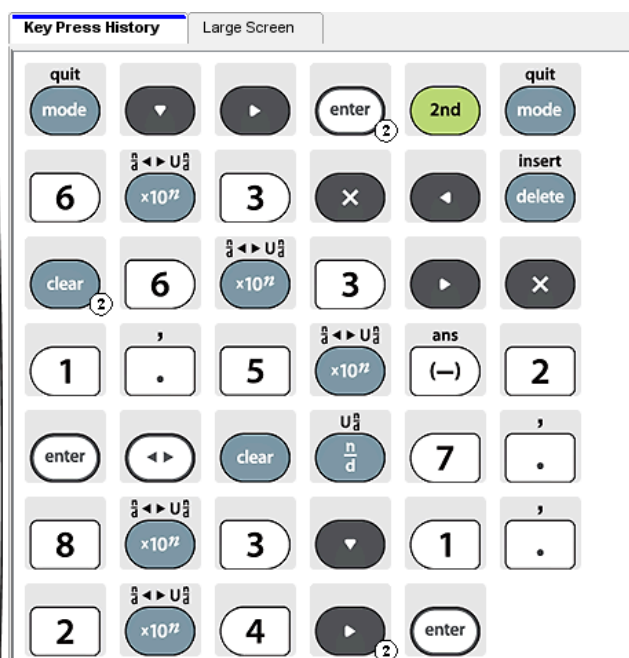If you are in NORM mode, the standard form will be returned.

Examples

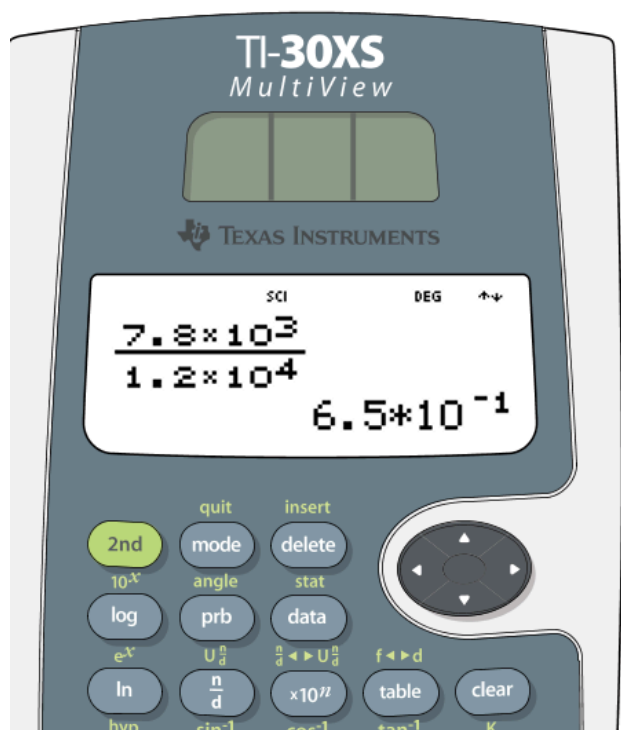**b.** $(6.0 \times 10^3) \times (1.5 \times 10^{-2})$

d. $\dfrac{7.8 \times 10^3}{1.2 \times 10^4}$

f.
$$\frac{6.48 \times 10^5}{(2.4 \times 10^4)(1.8 \times 10^{-2})}$$