## **Eureka Math: CASIO Technology Instructions**





## Module 1: Integers, exponents and scientific notation

## Part A - Calculating with exponents

Tart A Calculating with exponents	
Enter the following into your calculator  7 X 7 X 7 X 7 X 7 X 7 =.	7×7×7×7×7 16807
To convert a number to its prime factors, use the FACT (factor) key after pressing	7×7×7×7×7 75
To create the base and exponent use the exponent template <b>x</b> and fill in the template use the arrow to move to the exponent.	□ Math
Fill in the template with  3 • 5 =.	3 <sup>5</sup> 243
To factor the solution press  SHIFT (FACT).	3 <sup>5</sup> Math ▲ 3 <sup>5</sup>

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To raise fractions to powers use () to enclose the fraction then press.  (	$\left(\frac{1}{5}\right)^3$ $\frac{1}{125}$
You will need to convert the numerator and denominator separately to see the factored form of the original fraction. The denominator is  1 2 5   SHIFT •••• .	125 5 <sup>3</sup>