

Fractions and Decimals

These examples help you to convert decimals to fractions on the TI-83.

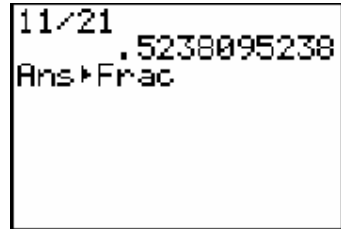
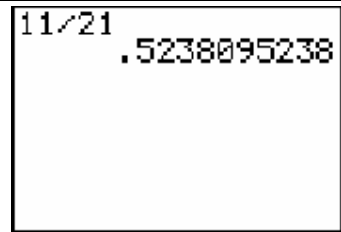
Keystrokes

Screen

If you want to find the quotient of 11 and 21, enter the following:

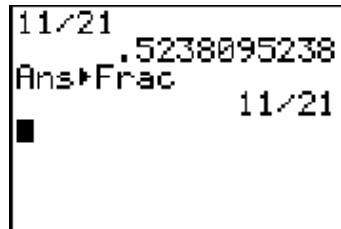


note: recall that a fraction like $\frac{a}{b}$ is also the quotient of a divided by b .



The result is shown in the following two screens:

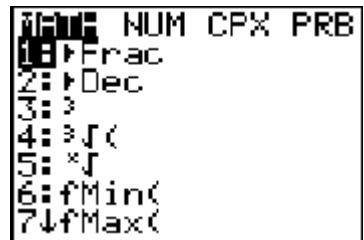
Note: The calculator will always give us the answers in decimal form. It is most common to convert decimals into fractions.



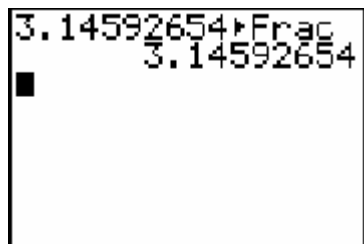
Some decimals cannot be converting into fractions.

If you want to convert 3.141592654 into fraction, enter the following:

3. 14592654 MATH 1 ENTER



Note: If the decimal number is not converted into fraction then it cannot be written as a fraction or the denominator has more than three digits.



Note: If you want to make certain the order of operations are followed, use parentheses around a fraction.

More questions? Contact the Metropolitan State University Math Center at 651-793-1460, 651-793-1463 (Fax) or math.center@metrostate.edu.

Persons with a disability who need reasonable accommodations may call Disability Services at 651-793-1540 or 651-772-7687 (TTY).