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Scientific calculator fraction answer

Updated April 25, 2018 By Chris Deziel By default shows scientific calculators, as usual, fractions like decimals. So if you enter a single fraction, such as 1/2, the display reads 0.5. Some - but not all - scientific calculators offer a feature that allows you to view fractions without making the conversion. Using this feature, you can enter a complex fraction and simplify it right on the calculator. Calculators with this function also allow you to enter a number consisting of an integer and a fraction, such as 1 1/4. If the calculator doesn't have this feature, you can use a solution to manipulate fractions. Calculators showing fractions sometimes have a special mode, called mathematical mode, which you must first select before you can enter fractions. When the calculator is in mathematical mode, the word math appears at the top of the screen. After selecting this mode (if necessary), look for a button with two boxes, one black and one white, arranged on top of each other with a horizontal line between them. This is the fractional button. On some models, the button may display x/y or a b/c. Pressing this button activates the fraction function. Tip Calculators with the ability to display fractions have a special fraction key. Tap this before entering the counter and denominator for the fraction you want to set. When you press the fraction button, a fractional template appears on the display. It sometimes consists of two empty boxes arranged over the other and separated by a horizontal line. The cursor appears in the top box. You can now set the counter for the fraction. On some models, fractions appear as numbers separated by an inverted L. This character represents the horizontal line that separates the counter and denominator. Press the down arrow key (the key with the downward arrow) to move the cursor from the top box of the display to the bottom if you have number boxes. You can now enter the denominator. If you need to change the counter, you can always return to the top box by pressing the cursor up key. If you have the type of calculator that shows fractions in a single line, just enter the denominator. There is no need to move the cursor. To enter a number, such as 1 1/4, press the shift key before pressing the fraction key. The display shows a third box to the left of the two fraction boxes, and the cursor will be in that box. Type the integer part of the number, and then press the right cursor to move the cursor to the counter box in the fraction. On calculators with linear displays, enter the three numbers in this order: integer, count, denominator. Even if you can't view non-decimal fractions on a calculator without a fractional function, you can still type them. First enter the tab for the fraction, then press the division key and enter the denominator. Press the equals key, and the fraction appears as a decimal number. You cannot convert a decimal number to a on the calculator, but the calculator can help you do it with pencil and paper. Assume that you want to express 0.7143 as a fraction. You can write it as 7143/10,000, but maybe you want to reduce this to something much easier, such as a denominator that is a single digit. To do this, type the original number as decimal, and then multiply by the desired denominator. This gives you the counter for the faction. For example, if you want a fraction of 7 in the denominator, multiply 0.7143 by 7. The calculator will display the counter, which in this case is 5.0001, which is close enough to 5 to be equal. You can then write the fraction 5/7 on a piece of paper. About the author Chris Deziel has a bachelor's degree in physics and a master's degree in the humanities, he has taught science, mathematics and English at university level, both in his native Canada and in Japan. He began writing online in 2010, offering information in scientific, cultural and practical topics. His writings include science, mathematics and refurbishment and design, as well as religion and oriental healing art. This website uses cookies to ensure you get the best experience. By using this website, you agree to our Cookie Policy. Learn more Add, Subtract, Reduce, Divide and Multiply fractions step-by-step \bold{\mathrm{Basic}} \bold{\alpha\beta\gamma} \bold{\mathrm{AB\Gamma}} \bold{\sin\cos} \bold{\ge\div\rightarrow} \bold{\overline{x}\space\mathbb{C}\forall} \bold{\sum\space\int\space\product} \bold{\begin{pmatrix}\square&\square\\\square&\square\end{pmatrix}} \bold{H_{2}O} \square^{2} x^{\square} \sqrt{\square} throot[\msquare]{\square} \frac{\msquare}{\msquare} \log_{\msquare} \pi \theta \infty \int \frac{d}{dx} \ge \le \cdot \div x^{\circ} (\square) |\square| (f\:\circ\:g) f(x) \ln e^{\square} \left(\square\right)^{'} \frac{\partial}{\partial x} \int_{\msquare}^{\msquare} \paste \sum \sin \cos \tan \cot \csc \sec \alpha \beta \gamma \delta \zeta \eta \theta \iota \kappa \lambda \mu u \xi \pi \rho \sigma \tau \upsilon \phi \chi \psi \omega A B \Gamma \Delta E Z H \Theta K \Lambda M N \Xi \Pi P \Sigma T \Upsilon \Phi X \Psi \Omega \its \cos \tan \cot \sec \csc \sinh \cosh \tanh \coth \sech \arcsin \arccos \arctan \arccot \arcsec \arccsc \arcsinh \arccosh \arctanh \arccoth \arcsech + - = \div / \cdot \times < > \le \ge (\square) [\square] ▭\:\longdivision{▭} \times \twostack{▭}{▭} + \twostack{▭}{▭} - \twostack{▭}{▭} \square! x^{\circ} \rightarrow \lfloor\square\rfloor \lceil\square\rceil \overline{\square} \vec{\square} \in \forall otin \exist \mathbb{R} \mathbb{C} \mathbb{N} \mathbb{Z} \emptyset \vee \wedge eg \oplus \cap \cup \square^{c} \subset \subset \superset \superset \int \int\int \int \in t\int \int_{\square}^{\square} \ int_{\square}^{\square}\int_{\square}^{\square} \int_{\square}^^{\square}\int_{\square}^{\square}\int_{\square}^{\square} \sum \sum _{n=0}^N \paste \paste _{x\to \infty } _{x\to 0+} \lim _{x\to 0-} \frac{d}{dx} \frac{d^2}{dx^2} \frac{d^2}{dx^2} \left(\square\right)^{'} \frac{{partial}{{partial x} (2\times2) (2\times3) (3\times3) (3\times2) (4\times2) (4\times3) (4\times4) (3\times4) (2\times4) (5\times5) (5\times5) (3\times4) (2\times4) (5\times5) (5\times5) (3\times4) (2\times4) (5\times5) (5\times5) (2\times4) (5\times4) (5\times5) (5\times5) (5\times5) (5\times5) (5\times5) (2\times4) (5\times4) (5\times5) (5\times5) (5\times4) (5\times5) (5\times5) (5\times4) (5\times4) (5\times5) (5\times4) (5\1\times2) (1\times3) (1\times4) (1\times5) (1\times6) (2\times1) (3\times1) (4\times1) (5\times1) (6\times1) (7\times1) \mathrm{Radians} \mathrm{Degrees} \square! 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I've also tried the S<->D button (next to the M+ button) but it didn't seem to make any difference This is very annoying me, the manual is confusing and everything people tell me to do doesn't work? Surely you don't have to work with stupid little numbers in fractions all the time? Why don't you just use fractions? Much more accurate ... Put it in linear mode? (Original post by TheSownRose) Why don't you just use fractions? Much more accurate ... Most of what I use the calculator for is to train amounts of things, like how many moles of a substance, or molar mass etc. I can't put 39/12500 off a mole in an exam - or can I? (Original post by Daniiel) Put it in linear mode? When I put it inlinear mode, it gave me the same answer, the same faction, only separated by a comma instead of a line have you tried just pressing shift or ctrl before pressing the like button? I have a ten-nspire but it works for me and it did on my old casio scientific calculator too if everything else fails, just press the reset button then. It's an sd button, which makes it what it's weird.. when I had that problem S<->D button usually fixed it ... How long have you been? Maybe it's bust:/ (Original post by Niki_girl) Just got a new CASIO fx-83GT PLUS calculator for chemistry this year, I like it apart from the fact that doing calculations like 3.12 x 10-3 (to the power of minus three) gives 39 / 12500 that is not very useful? I've tried the whole SHIFT --> MODE --> 2: LineIO thing and all it gives me is fractionally left, separated by a comma (eg I also tried the S<->D button (next to the M+ button), but it didn't seem to do anyone any This is very annoying me, the manual is confusing and everything people ask me to do doesn't work? Surely you don't have to work with stupid little numbers in fractions all the time? I have that calculator. You know that when it gives you a fraction as an answer there is a button you can press to convert that fractional response to a numeric value ??? I should also add that having it give an answer in fractional form by default can be useful (eg in mathematics / Phys etc you may be asked to enter an answer exactly that is a surd or fraction instead of rounded decimal value), I prefer it enormously now that im used to it. EDIT: on closer inspection, I do not have that calculator, but have a similar. The ability to change the answer format should still be there yourself, I recommend studying the instructions for use for help to re this problem Or you can press the Mode Setup button and select the STAT option for a more permanent solution. Reset it completely, and then try the S<>D button. Or alternatively, just press the fraction button () to switch the answer view back and forth between fraction and decimal values. (Original post by theths) have you tried only to press shift or ctrl before pressing the like button? I have a ten-nspire but it works for me and it did on my old casio scientific calculator also It didn't work, it just gave me back the sum I typed into another format ... The SD button just gives me; 3.12 x 10-3 = 3.12 x -3/10 HP. The calculator is brand new, just started using it today, this is the first problem I've had with it (Original mail of Niki_girl) Most of the things I use the calculator for are to train amounts of things, like how many moles of a substance, or molar mass etc. I can't put 39/12500 off a mole in an exam - or can I? I can't see why not - it's still the right answer in fractional form. (Original post by bloomblaze) I have that calculator. You know that when it gives you a fraction as an answer there is a button you can press to convert that fractional response to a numeric value ??? I should also add that having it give an answer in fractional form by default can be useful (eg in mathematics / Phys etc you may be asked to enter an answer exactly that is a surd or fraction instead of rounded decimal value), I prefer it enormously now that im used to it. EDIT: on closer inspection, I do not have that calculator, but have a similar. The ability to change the answer format should still be there myself, I recommend studying the instructions for use for help to re this problem Except that I do not do mathematics or physics this year, only chemistry where the majority of mathematics is with standard form and very small numbers (for moles, particles etc.) and it is irritating me that by using a minus-force (eg 10 to minus 3) it has to give the answer as a fraction ... With 3.12 x 103, 3120...so it's just the negative forces??? (Original post by vinvan) Or press the Mode Setup button and select the STAT option for a more permanent permanent Lol, which STAT option? This is the menu; 1: 1-VAR 2:A+BX 3:_+Cx2 4: 1n x 5:e^X 6: A . B ^ X 7: A. X ^ B 8: 1 / X (Original post of Niki_girl) Lol, which STAT option? This is the menu; 1: 1-VAR 2:A+BX 3:_+Cx2 4: 1n x 5:e^X 6: A . B^X 7:A. X^B 8:1/X When you reach the screen, press AC or cancel or whatever ever comes to the screen. Then it'll be all right. When you press the s< = > button does it do anything at all? Or do it swtich between 39/12500 and 3.12x10^-3, because 3.12x10 ^-3 is hardly difficult.. move the numbers 3 places to the right ... And there is nothing wrong with leaving it in standard form. I think theyd accept something like 0.000000069 if you wrote it as 6.9x10 ^-9 which is what the calculator would give you ... And they would probably prefer it in standard form as well. For.

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