Using the Casio fx-83GT



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Changing an answer to a decimal quickly



When an answer is not an integer value the calculator will display the answer in its standard setting.





If you want the decimal straight away



Start Screen



Choose calculate to be able to do calculations



Format Button

Changes the format of the answer





When an answer is not an integer value the calculator will display the answer in its standard setting.



To change this, press the format button.

The next menu shows the format options.





Settings



Changing the fraction result

Click settings 🚍



Calc Settings **b**-System Settings -Reset Get Started

Use the right arrow key on Calc Settings



Use the right arrow key on Fraction Result

⊛Mixed Fraction OImprop Fraction

Chose mixed fraction or improper fraction























Recurring decimals - 2 dp Method 1

Convert 0.28 to a fraction

Type in your number up to the first recurring digit.

Press (





GCD LCM Absolute Value Recurring Decimal Scroll down to numeric calc and use right button to go to the next menu.

Click ok and the recurring decimal box will appear on the screen



vr ≊ 0.28 <u>28</u> 99

Fill in the rest of the decimal and press execute.



Recurring decimals - More than 2 dp (1)







Products of prime factors



2

4

2.

X

 $=2 \times 3 \times 2 \times 2$

 φ

Write 24 as products of prime factors.

Give your answer in index form



2





LCM (Lowest Common Multiple)



LCM (Using prime factors)



Substitution - Storing values

Press $\neq x$ to bring up this screen and store the value you want each variable

to be.





Type in the value you want for the variable and press execute. Even if you press (AC) the values will still be stored.

If the variable already has a value press execute to bring up this screen.











Plotting a Quadratic Graph

Complete the table of values for $y = x^2 - x - 2$

x	-2	-1	0	1	2	3
у			-2	-2		4









Time calculations Minutes Hours Seconds Here is the bus timetable. Newcastle 0915 0945 1015 Killingworth 0944 1014 1044 Water park 1018 1048 1118 How long does their bus take from Killingworth to the water park? For 1018 type This represents 10 10 1 + 18 1 + hours and 18 minutes And you want to subtract the starting time of 0944 EXE (+) 44(+)10° 18° -9° 44° 0°34'0" The calculator shows 0 hours, 34 minutes and D seconds

35





Digit Separator

Click settings

Calc Settings **b**-System Settings -Reset Get Started

Use the right arrow key on Calc Settings

Scroll down to Digit Separator and then use right arrow key

Chose on or off (notice there are no commas)

Changing the angle unit

Click settings

Calc Settings **b**-System Settings -Reset Get Started

Use the right arrow key on Calc Settings

Use the right arrow key on Angle Unit

Chose the angle unit you want