


Graph $y = x^2 - x + 1$ and its derivative y' in Graph and Table.

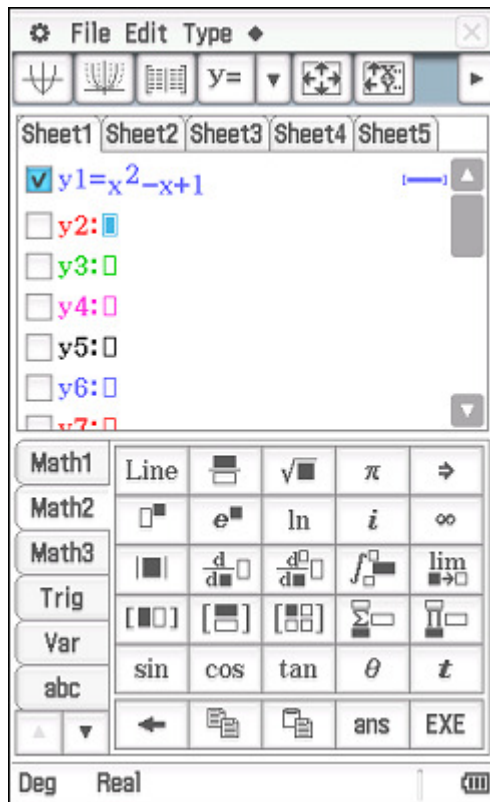
Tap into y2.

From the Math2 menu add the derivative template.

Enter the function into **y1**.

From the abc keyboard, add y1(x).

Tap  to draw the graph and its derivative.



File Edit Type

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5

$y1 = x^2 - x + 1$

$y2: \square$

$y3: \square$

$y4: \square$

$y5: \square$

$y6: \square$

$y7: \square$

Math1 Line $\frac{\square}{\square}$ $\sqrt{\square}$ π \rightarrow

Math2 \square^\square e^\square \ln i ∞

Math3 $\int \square$ $\frac{d}{d\square} \square$ $\frac{d}{d\square} \square$ $\int \square$ $\lim_{\square \rightarrow \square} \square$

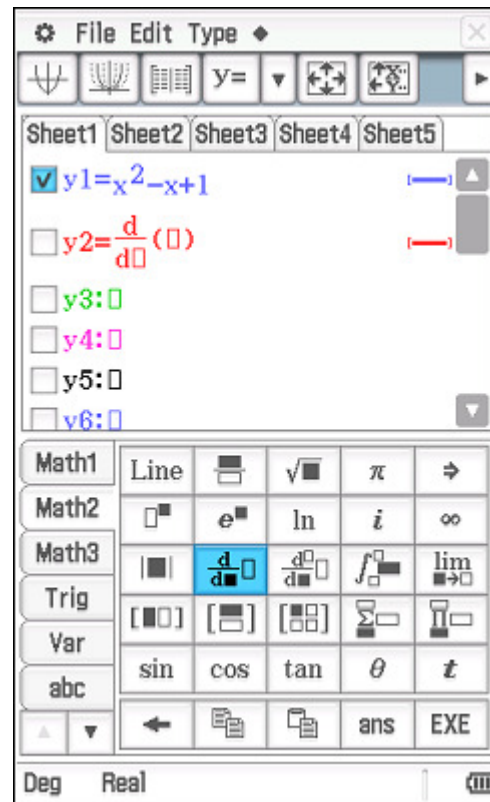
Trig \square \square \square \square \square

Var \square \square \square \square \square

abc sin cos tan θ t

← → ans EXE

Deg Real



File Edit Type

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5

$y1 = x^2 - x + 1$

$y2 = \frac{d}{d\square} (\square)$

$y3: \square$

$y4: \square$

$y5: \square$

$y6: \square$

Math1 Line $\frac{\square}{\square}$ $\sqrt{\square}$ π \rightarrow

Math2 \square^\square e^\square \ln i ∞

Math3 $\int \square$ $\frac{d}{d\square} \square$ $\frac{d}{d\square} \square$ $\int \square$ $\lim_{\square \rightarrow \square} \square$

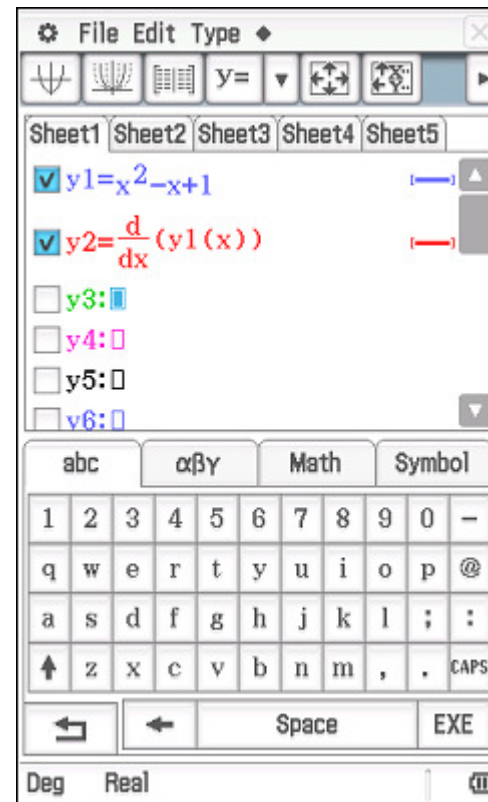
Trig \square \square \square \square \square

Var \square \square \square \square \square

abc sin cos tan θ t

← → ans EXE

Deg Real



File Edit Type

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5

$y1 = x^2 - x + 1$

$y2 = \frac{d}{dx} (y1(x))$

$y3: \square$

$y4: \square$

$y5: \square$

$y6: \square$

abc $\alpha\beta\gamma$ Math Symbol

1 2 3 4 5 6 7 8 9 0 -

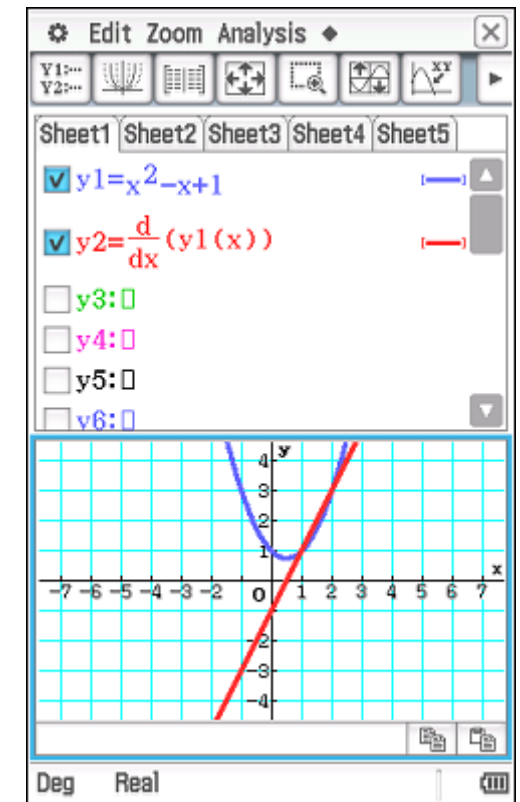
q w e r t y u i o p @

a s d f g h j k l ; :


↑ z x c v b n m , . CAPS

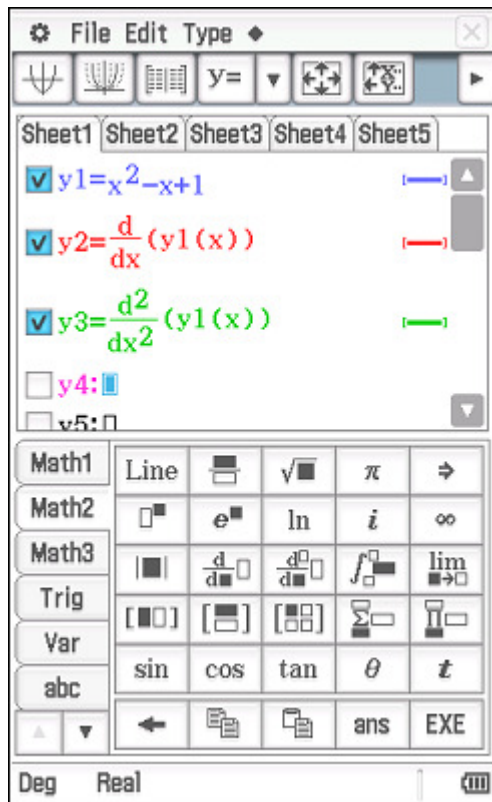
← → Space EXE

Deg Real



To graph a higher order derivative, use the higher order derivative template.

Tap  to draw the graph and its first two derivatives.



File Edit Type

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5

$y1 = x^2 - x + 1$

$y2 = \frac{d}{dx}(y1(x))$

$y3 = \frac{d^2}{dx^2}(y1(x))$

$y4: \square$

$y5: \square$

Math1 Line $\sqrt{\square}$ π \rightarrow

Math2 \square e^{\square} \ln i ∞

Math3 $\int \square$ $\frac{d}{d\square} \square$ $\frac{d^2}{d\square^2} \square$ $\int \square$ $\lim_{\square \rightarrow \square}$

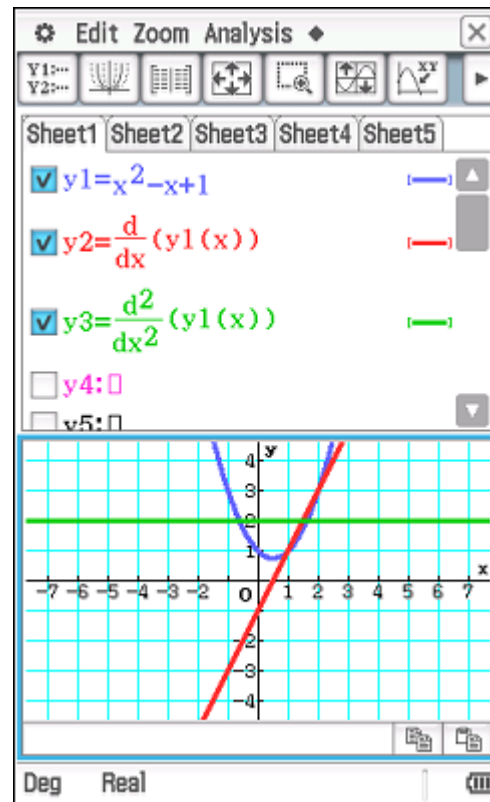
Trig \square \square \square \square \square

Var \square \square \square \square \square

abc sin cos tan θ t

← □ ans EXE

Deg Real



Edit Zoom Analysis

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5

$y1 = x^2 - x + 1$

$y2 = \frac{d}{dx}(y1(x))$

$y3 = \frac{d^2}{dx^2}(y1(x))$

$y4: \square$

$y5: \square$

Graph showing $y1 = x^2 - x + 1$ (blue), $y2 = \frac{d}{dx}(y1(x))$ (red), and $y3 = \frac{d^2}{dx^2}(y1(x))$ (green).

Deg Real