

Start in Graph and Table.

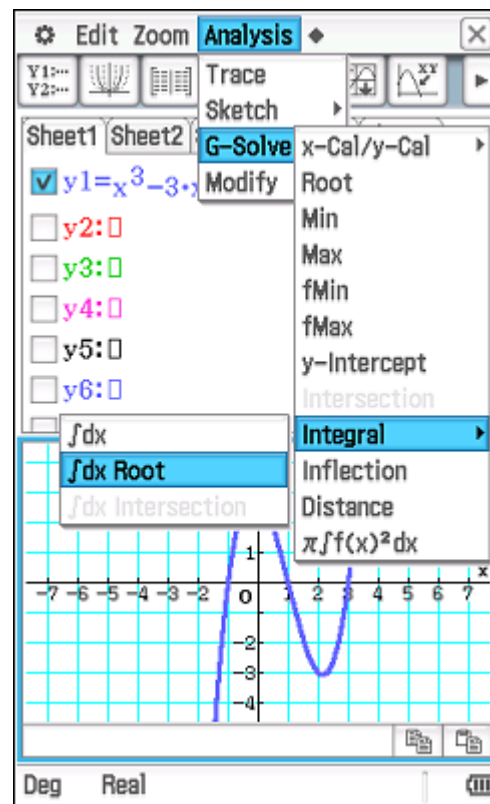
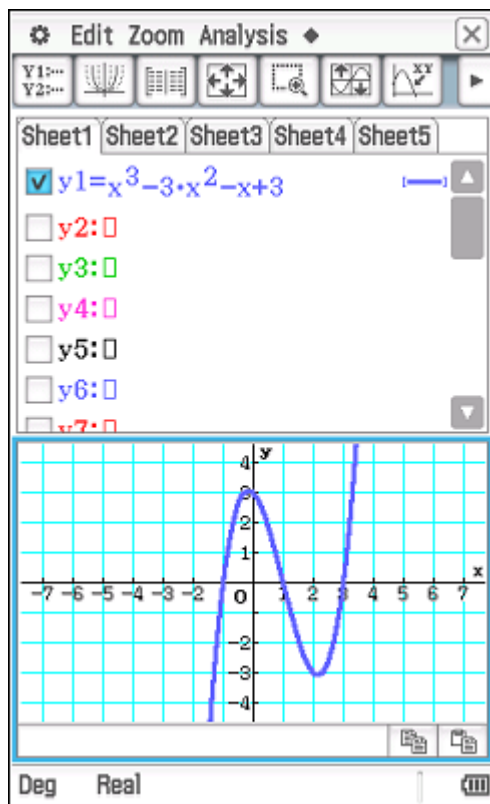
Evaluate the area trapped by the x-axis

$$\text{and } y = x^3 - 3x^2 - x + 3.$$

Enter the function into **y1**.

Tap  and then **Zoom, Initialise**.

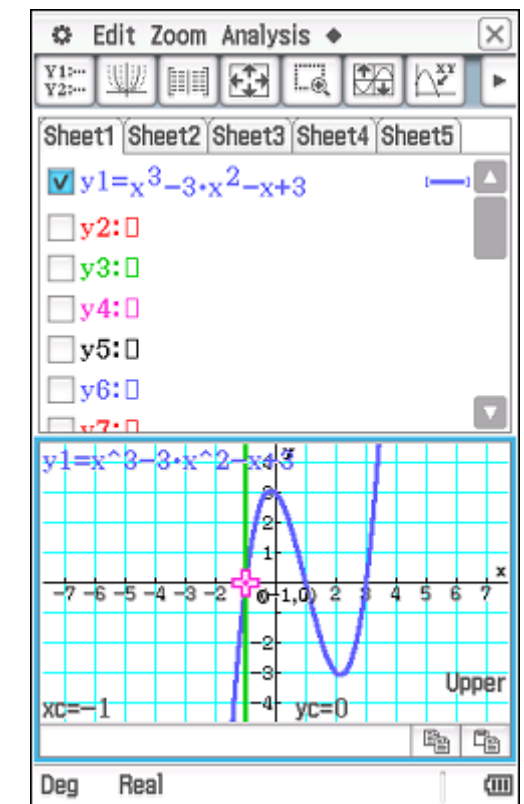
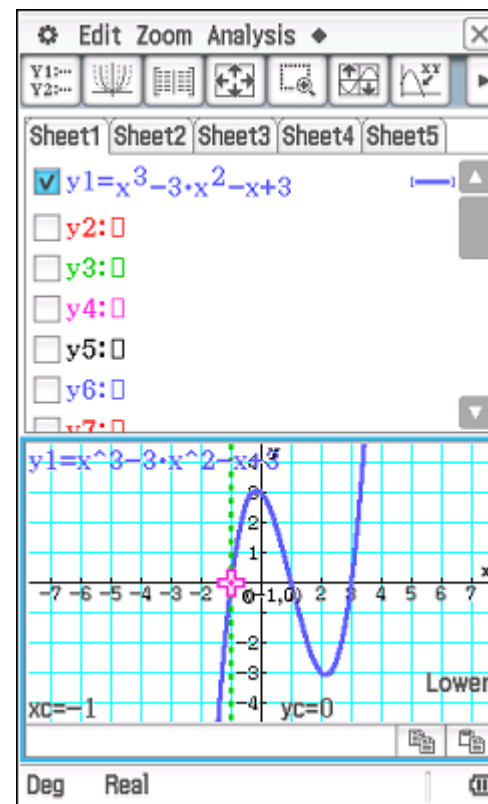
Tap **Analysis, G-Solve, Integral, $\int dx$ Root**



The cursor appears at the left hand most root of the function and the prompt for the Lower bound appears in the bottom right corner of the screen.

Select this root by tapping EXE.

ClassPad is now asking for the Upper root. Tap the right cursor key.



The cursor jumps to the next root of the function.

We require the next root, so tap right again.

Tap EXE to select this root.

The trapped area is shaded.

The value of the integral (close to zero) and the value of the area (8) can both be seen at the bottom of the screen.

