

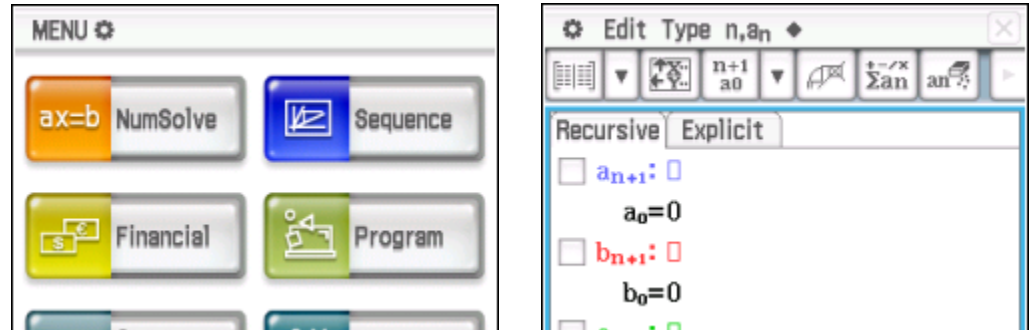
# Recursive to Explicit on the Classpad

Consider a sequence which is generated by the recurrence relation

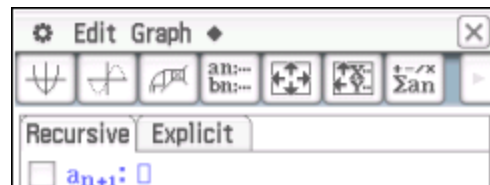
$$V_0 = 3000 \quad V_{n+1} = V_n + 270$$

Find the Explicit formula

On the **second** page of the Classpad Menu select the **Sequence** app. And the **Recursive Tab**



Click on the  icon.

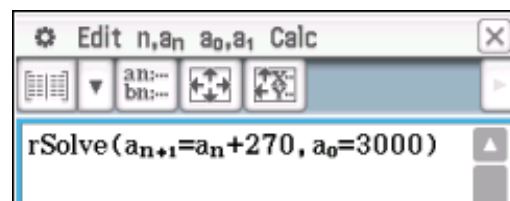
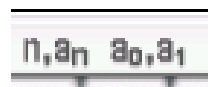


Then the **Calc** menu and select **r(solve**



We wish to enter  $a_{n+1} = a_n + 270$  and  $a_0 = 3000$

Do this using the menus



It should look like the screen shot to the right.

Press the EXE button and the Explicit formula will be displayed.

$$V_n = 3000 + 270 n$$

