ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP802	Simple Recursive Sequences		Date	April 2015
			CPII OS	02.00.2000.0000

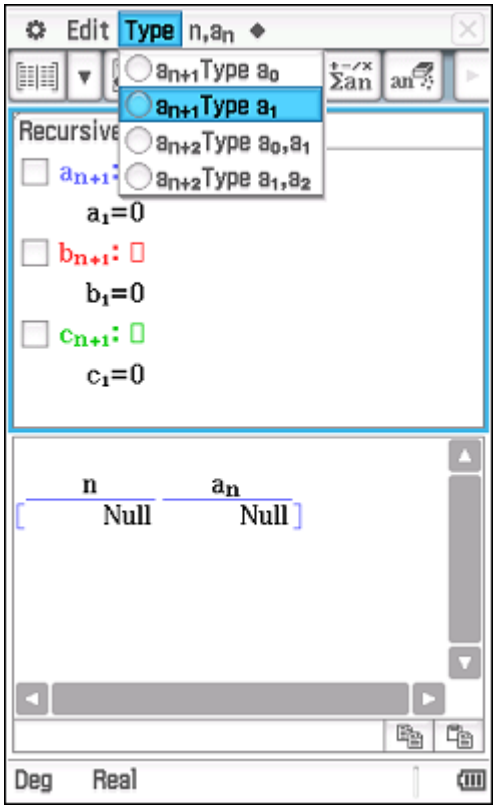
Open the Sequence application.

Tap **Edit, Clear All, OK**.

Example 1. Find the tenth term of the arithmetic sequence given by

$$T_{n+1} = T_n - 4,\ T_1 = 33$$

Tap **Type** and choose the 2nd type.

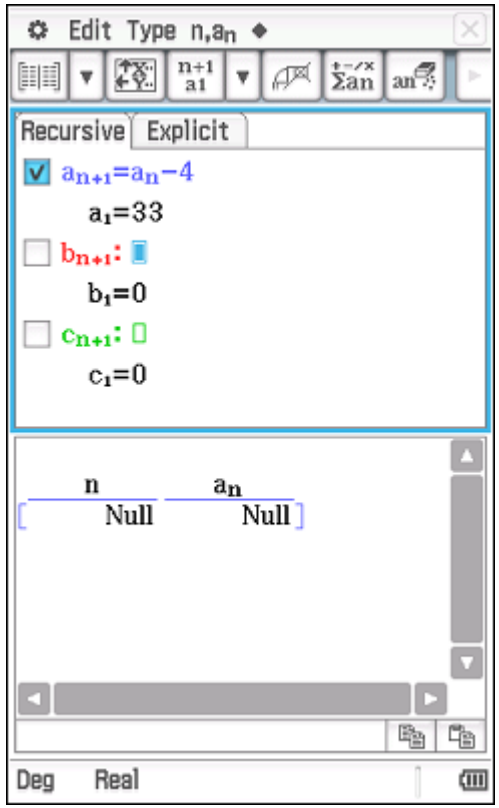


Enter the recursive formula on the first line using the n,a_n menu and the keyboard.

Tap **EXE**.

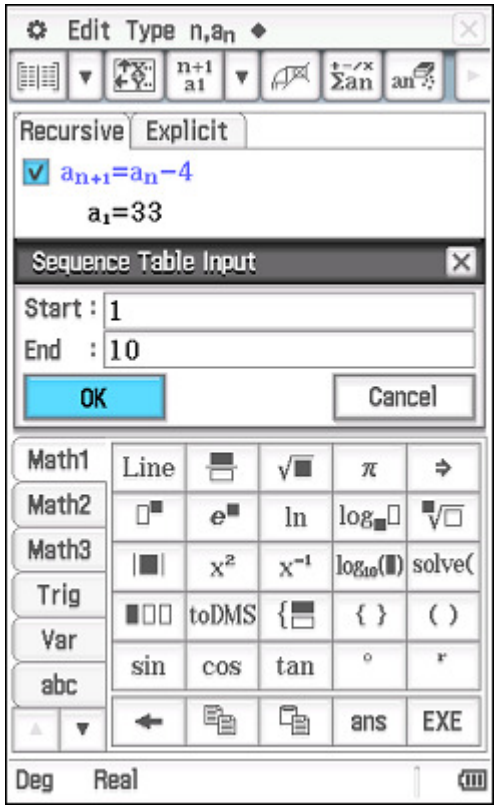
Enter the first term as **33**.

Check that the formula is selected with a tick.



Tap  .

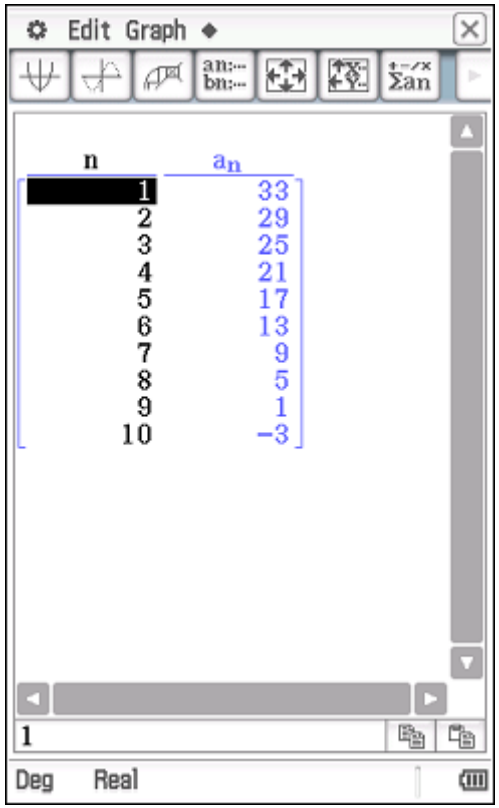
Use Start and End to set the first term as **1** and last term as **10** and then tap **OK**.



Tap  .

Tap **Resize**.

The first ten terms are displayed.



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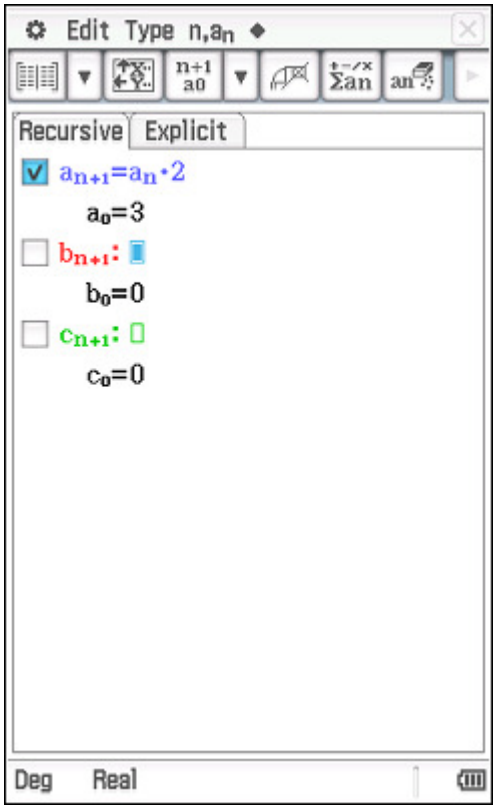
Example 2. Find the sum of the first eleven terms of the geometric sequence given by $T_{n+1} = T_n \times 2,\ T_1 = 3$.

Tap **Edit, Clear All, OK**.

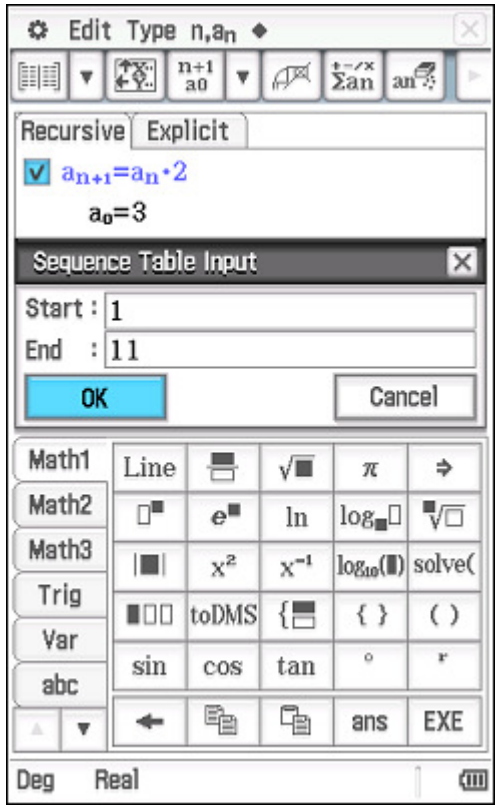
Tap **Type** and choose the 2nd type.

Enter the recursive formula and enter the first term as **3**.



Tap .

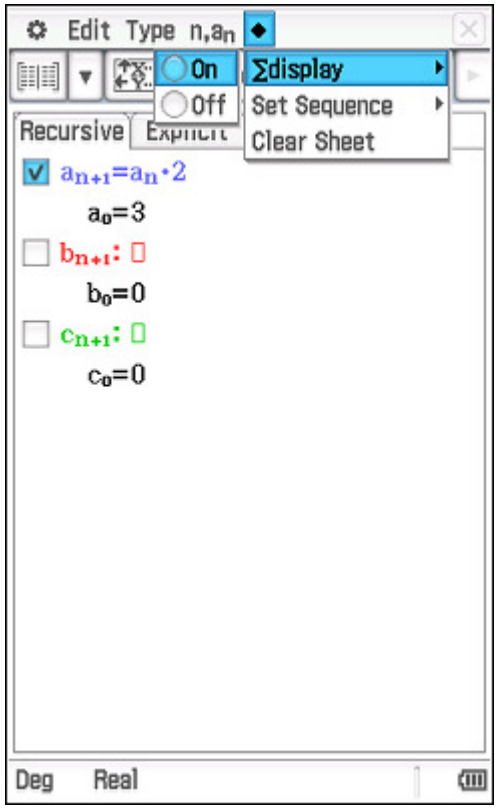
Use Start and End to set the first term as **1** and last term as **11** and then tap **OK**.



Tap ◆.

Tap Σdisplay.

Choose **On** to also display the sum of the terms.



Tap .

Tap **Resize**.

The first ten terms are displayed together with sums in the third column.