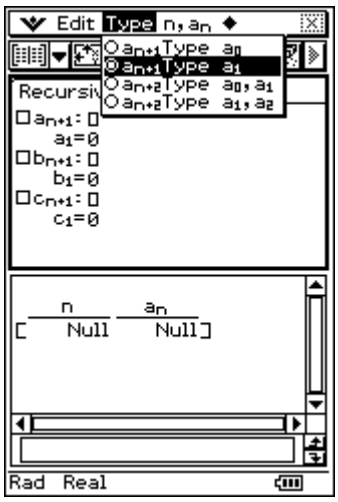
Open the Sequence application.

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.

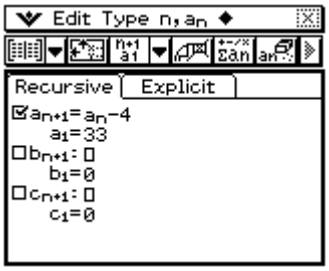
Tap **EXE**.

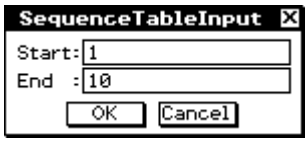
Enter the first term as **33**.

Check that the formula is selected: $\boxtimes a_{n+1}=a_n-4$

Tap .

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

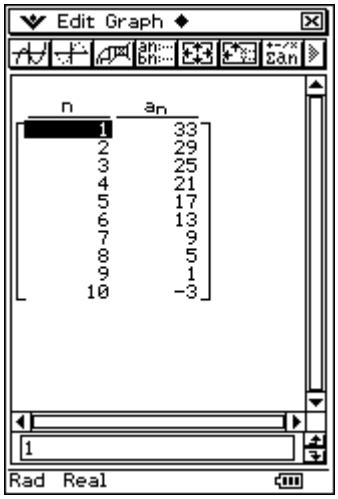




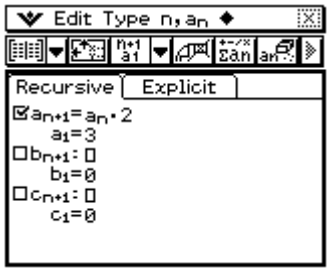
Tap .

Tap **Resize**.

The first ten terms are displayed.



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

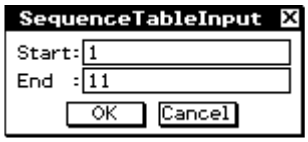


Tap **Edit, Clear All, OK**.

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

Enter the recursive formula on the first line and tap **EXE**.

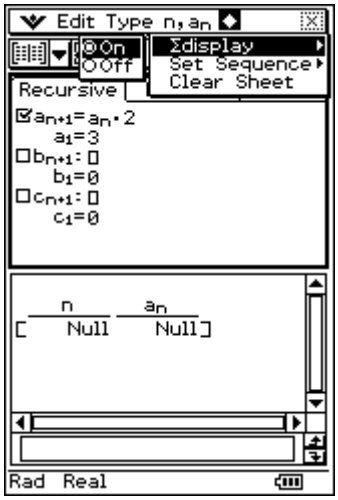
Enter the first term as **3**.



Tap .

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

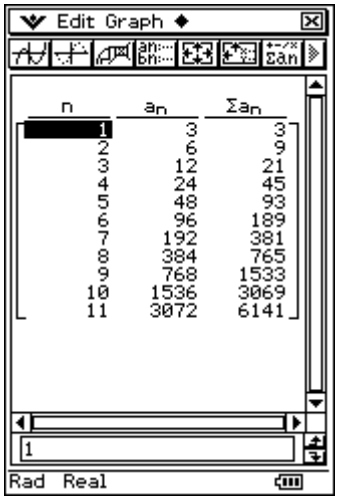
Tap ◆.



Tap Σdisplay.

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

Tap .



Tap **Resize**.

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