

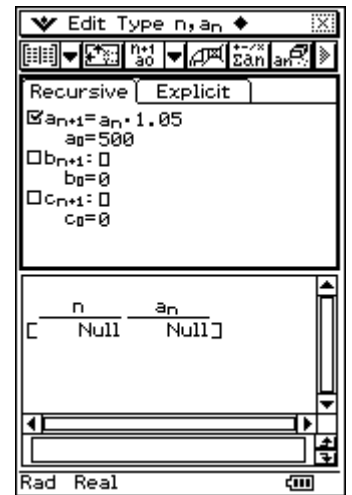
Open the Sequence application.

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

Example: Find the interest accrued in the tenth year on an amount of \$500 invested at a rate of 5%, with interest compounded annually.

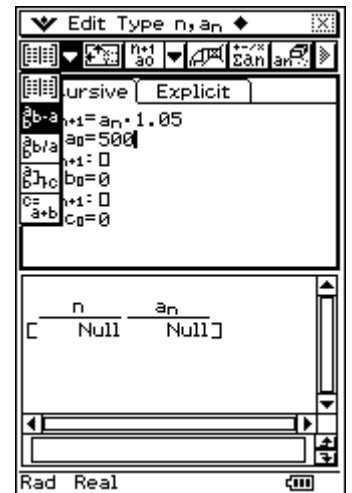
We will use the recursive formula  $T_{n+1} = T_n \times 1.05$ ,  $T_0 = 500$  to solve this problem.

Enter the formula as shown.



Tap the drop-down arrow next to  $\left[ \begin{smallmatrix} a & b \\ b & a \end{smallmatrix} \right]$ .

Tap  $\left[ \begin{smallmatrix} a & b \\ b & a \end{smallmatrix} \right]$ .



Tap **Resize.**

An third column is added to the table headed Dfrn (the difference of consecutive terms).

The second column shows the total value of the investment after  $n$  years.

The third column shows the interest accrued during year  $n$ .

The solution to the problem is \$38.78.

