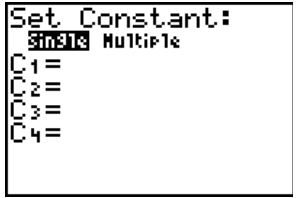
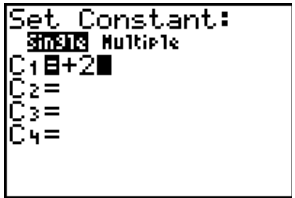

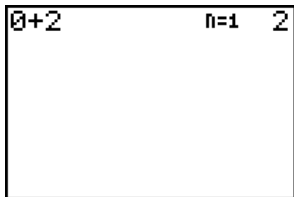
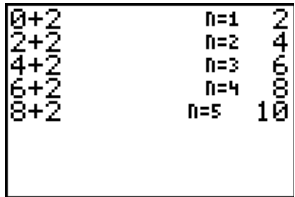
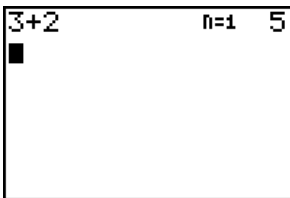


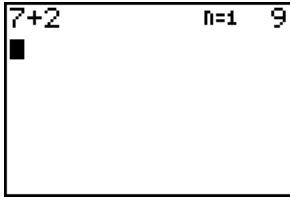
## Using the Constant Key on the TI-73 to Study Constant Addition

Press 2 <sup>nd</sup> CONST (SET)	
Enter the operation of Addition of 2	
Return to the home screen by pressing 2 <sup>nd</sup> MODE (Quit)	
Let's study what it means to constantly add 2 to a given number. Let's start with 0 and add 2. Press 0 and the CONST key.  Notice that you got 2.	
Press CONST again several times.	
What do you observe from this data on your screen?	Make a table to record the information and then record any observations about the two lists and the relationship between the two columns.
Get some tiles out and also do the same constant operation with the tiles. Start with zero tiles. Add 2 tiles at each step.	Predict the number of tiles in the 10 <sup>th</sup> and 20 <sup>th</sup> steps without completing the whole table?

Step Number	1	2	3	4	5	6	7	
Number of Tiles								

Try something a little different. Let's start at 3 and add 2 each time.	
Clear your home screen and press 3 and then the CONST key.	
Press CONST again several times.	
What do you observe from this data on your screen?	Make a table to record the information and then record any observations about the two lists and the relationship between the two columns.
Get some tiles out and also do the same constant operation with the tiles. Start with zero tiles. Add 3 tiles at each step.	Predict the number of tiles in the 10 <sup>th</sup> and 20 <sup>th</sup> steps without completing the whole table?

Step Number	1	2	3	4	5	6	7	
Number of Tiles								

Try something a little different. Let's start at 7 and add 2 each time.	
Clear your home screen and press 3 and then the CONST key.	
Press CONST again several times.	
What do you observe from this data on your screen?	Make a table to record the information and then record any observations about the two lists and the relationship between the two columns.
Get some tiles out and also do the same constant operation with the tiles. Start with 7 tiles. Add 2 tiles at each step.	Predict the number of tiles in the 10 <sup>th</sup> and 20 <sup>th</sup> steps without completing the whole table?

Step Number	1	2	3	4	5	6	7	
Number of Tiles								