

Making a Graph on the TI-73

1. Look at each pattern of tiles.
2. Collect two pieces of information at each pattern:
 - the picture number and
 - the number of tiles in each picture.
3. Extend the pattern of numbers to fill in the rest of the table
4. Press **STAT**, 1. Edit to enter the data in the calculator
5. In L1 place the picture number
6. In L2 place the number of tiles or toothpicks in each picture number.
7. Press **WINDOW** and enter these numbers:
 - choose numbers for $X_{\min} = 0$,
 - X_{\max} (1 more than the largest number in L1),
 - $X_{\text{scl}} = 1$,
 - $Y_{\min} = 0$,
 - Y_{\max} (1 more than the largest number in L2),
 - $Y_{\text{scl}} = 1$
8. Press 2nd **PLOT** (**Y=**). Choose 1 by pressing **ENTER**. Set this window as illustrated at the right.
9. Press **GRAPH**.
10. Record your graph in the space provided.

