Michael's Marbles

1. Complete Michael's data table. Each of his marbles has a mass of exactly 6 grams. The box has a mass of 50 grams.

Box of Marbles

N Number of Marbles	M Mass of Box and Marbles (in g)
0	
1	56
2	
3	68
4	
8	
	110

2. Use a sheet of *Centimeter Graph Paper* to make a graph of the marble and box data in Question 1.

- Label the horizontal axis Number of Marbles (*N*).
- Label the vertical axis Mass of Box and Marbles in grams (*M*).
- Number the axes so you have enough room for the values
  N = 15 marbles and *M* = 110 grams.
- Use a ruler to draw a best-fit line.
- Title the graph.