

CHAPTER 6 - GENERATING SEQUENCES

TI-84 Plus

To find the first five terms of the sequence represented by  $\{2n\}$ , enter the numbers 1, 2, 3, 4, 5 into **List 1**.

Move the cursor to the heading of **L2** and press  $2 \times [2nd] 1 (L_1) [ENTER]$  .

So, the first five terms of the sequence are 2, 4, 6, 8, 10.

L1	$\frac{1}{2}$	L3	2
1			
2			
3			
4			
5			
L2 = 2 * L1			

L1	L2	L3	2
1	2		
2	4		
3	6		
4	8		
5	10		
L2(1)=2			