

Patterns from a Table

Find the relation from the input/output tables by finding the change (numerical coefficient) in the output and the constant ($n=0$)

Input (n)	Output
0	4
1	8
2	12
3	16
4	20

Input (n)	Output
0	
1	10
2	8
3	6
4	4

Input (n)	Output
0	
1	6
2	12
3	18
4	24

Input (n)	Output
0	
1	0
2	5
3	10
4	15

Input (n)	Output
0	
1	2.5
2	3
3	3.5
4	4

Input (n)	Output
0	
1	11
2	18
3	25
4	32

Input (n)	Output
0	
2	0
4	6
6	12
8	18

Input (n)	Output
0	
1	11
2	5
3	-1
4	-7

Input (n)	Output
0	
4	3
8	4
12	5
16	6

Input (n)	Output
0	
1	4
2	7
3	10
4	13

Input (n)	Output
0	
1	8
2	4
3	0
4	-4

Input (n)	Output
0	
1	8
2	16
3	24
4	32

Input (n)	Output
0	
1	-7
2	-10
3	-13
4	-16

Input (n)	Output
0	
1	105
2	100
3	95
4	90

Input (n)	Output
0	
1	12
2	26
3	40
4	54

Extending Questions

Input (n)	Output
0	
1	26
2	39
3	
4	65

Input (n)	Output
0	
6	23
12	41
18	59
24	77

Input (n)	Output
0	
1	84
2	
3	244
4	324
