

Name: _____ Period: _____

Part I. Show all work for full credit. Show the change in the term number and change in the value number. Find the rate of change (slope). Find the y-intercept. Find the function rule.

1.

Term	Value
1	-2
2	-1
3	0
4	1
5	2
6	3

m = _____ y-int = _____

Rule: y = _____

2.

Term	Value
1	5
2	7
3	9
4	11
5	13
6	15

m = _____ y-int = _____

Rule: y = _____

3.

Term	Value
1	1
2	3
3	5
4	7
5	9
6	11

m = _____ y-int = _____

Rule: y = _____

4.

Term	Value
1	4
2	9
3	14
4	19
5	24
6	29

m = _____ y-int = _____

Rule: y = _____

5.

Term	Value
1	0
2	-2
3	-4
4	-6
5	-8
6	-10

m = _____ y-int = _____

Rule: y = _____

6.

Term	Value
1	7
2	11
3	15
4	19
5	23
6	27

m = _____ y-int = _____

Rule: y = _____

7.

Term	Value
1	3
2	2
3	1
4	0
5	-1
6	-2

m = _____ y-int = _____

Rule: y = _____

8.

Term	Value
1	4
2	7
3	10
4	13
5	16
6	19

m = _____ y-int = _____

Rule: y = _____