Remember sequences from the beginning of the year. For each sequence below, determine whether it is either arithmetic or geometric and find both the recursive and the explicit rules.

1. 1, 3, 5, 7, …	2. 3, 6, 12, 24, …
Arithmetic or geometric?	Arithmetic or geometric?
Recursive:	Recursive:
_____	_____
Explicit:	Explicit:
_____	_____

3.

Time (in days)	Number of people
1	3
2	7
3	11
4	15

Arithmetic or geometric?

Recursive:

_____

Explicit:

_____

4.

Time (in days)	Number of bacteria
1	5
2	8
3	12.8
4	20.48

Arithmetic or geometric?

Recursive:

_____

Explicit:

_____

5) Write the equation of the following table:

X	Y
20	65
21	68
22	71
23	74
24	77

6) Write the equation of the line that goes through the points (-4, 2) and (2,-10).

7) Write the following equation in SLOPE-INTERCEPT form.
$$y = -4(3x + 2) + 7$$