12.5 Sequences from graphs and tables

How can you find a sequence from a table?

x	-3	-2	-1	0	1	2	3	4	5
y	13	26	52	104	208	416	832	1664	3328

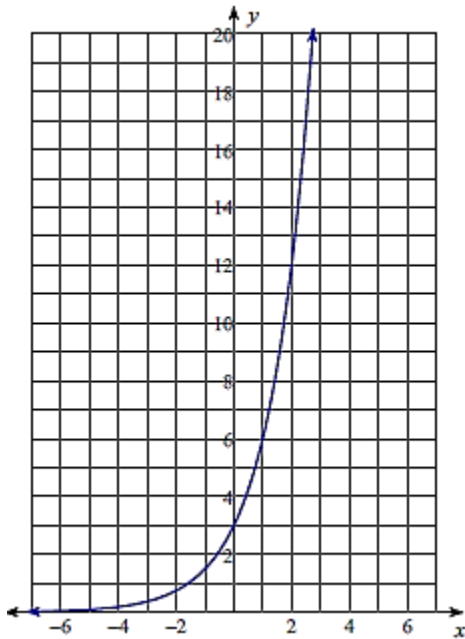Label each part of y: $a_1, a_2,...$

Now write the two formulas:

Explicit:

Recursive:

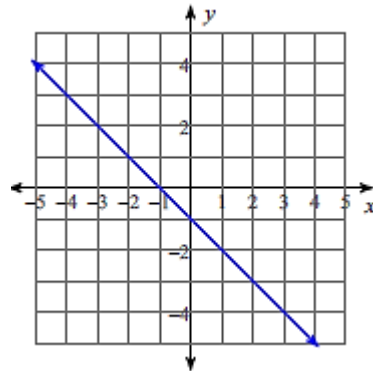Now for each of the following graphs write the recursive and explicit formulas:

1

a. Explicit:

b. Recursive:

2

a. Explicit:

b. Recursive: