Arithmetic Sequences 2: Finding arithmetic and recursive rules starting with n=0 and n=1

Write a function rule for each table then write the recursive rule for the same sequence.

<u>1.</u> x	1	2	3	4	5	
f(x)	5	8	11	14	17	
		Y-intercept	F	unction Rule:		
n	1	2	3	4	5	
a _n	5	8	11	14	17	
Starting Point_		Constant Differer	nce: Ro	ecursive rule:		
2.						
X	0	1	2	3	4	
f(x)	20	18	16	14	12	
Slope:	Y-intercept			Function Rule:		
n	0	1	2	3	4	
a_n	20	18	16	14	12	
Starting Point 3.		Constant Differer	nce: Ro	ecursive rule:		
X	1	2	3	4	5	
f(x)	50	55	60	65	70	
Slope:	Y-intercept		F	Function Rule:		
n	1	2	3	4	5	
a_n	50	55	60	65	70	
Starting Point_	ng Point Constant Difference:		nce: Ro	_ Recursive rule:		
4.						
X	0	1	2	3	4	
f(x)	100	50	0	-50	-100	
	-	Y-intercept	F	unction Rule:		
Slope:		i intercept	-			
Slope:n	0	1 1	2	3	4	

0

-50

Recursive rule:_____

-100

100

 a_n

50

Starting Point_____ Constant Difference: _____