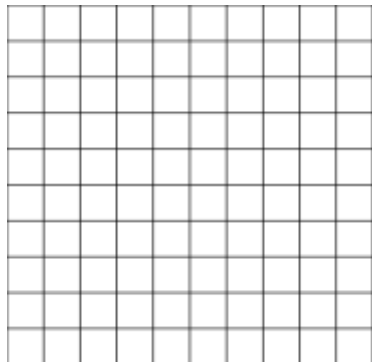


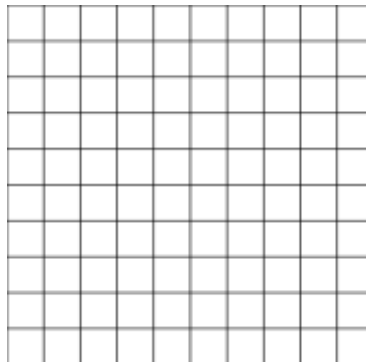
# Linear, Quadratic and Exponential Models Assignment

Graph each set of points and determine which model best represents the data set.

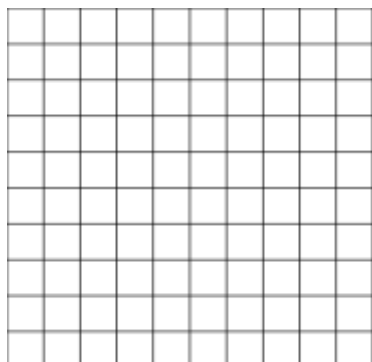
1.  $(-1,-1)$ ,  $(-2,-2)$ ,  $(-3,-3)$ ,  $(-4,-4)$



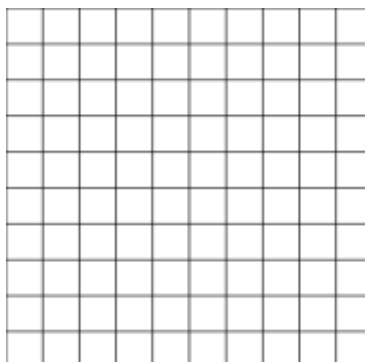
2.  $(0,3)$ ,  $(1,1)$ ,  $(2,0)$ ,  $(3,1)$



3.  $(0,-2)$ ,  $(1,-4)$ ,  $(2,-8)$ ,  $(3,-16)$



4.  $(0,1)$ ,  $(1,1.5)$ ,  $(2,3)$ ,  $(3,5.5)$ ,  $(-1,1.5)$



# Linear, Quadratic and Exponential Models Assignment

Which model best describes the data in each table given below?

1.

x	y
-2	12
-1	6
0	3
1	1.5
2	0.75

2.

x	y
1	5
2	9
3	13
4	17
5	21

3.

x	y
0	0
1	-2
2	-8
3	-18
4	-32