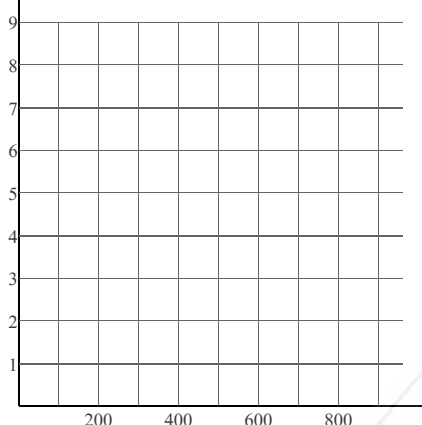


Construct a scatter plot. State if there appears to be a positive correlation, negative correlation, or no correlation. When there is a correlation, identify the relationship as linear or nonlinear. Also find the slope-intercept form of the equation of the line that best fits the data.

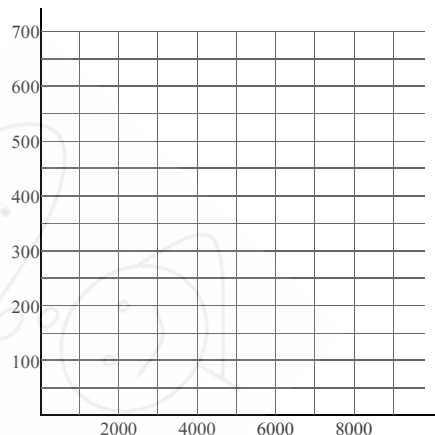
1)

X	Y	X	Y	X	Y
190	2.9	650	3.2	780	8.6
480	6.9	760	7.4	830	1.7
510	6.5	780	0.7	960	5.4
580	4.3				



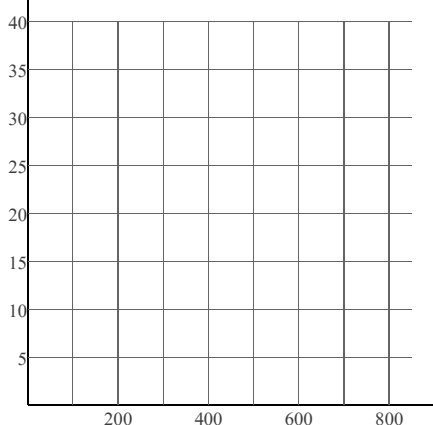
2)

X	Y	X	Y
400	700	3,000	600
400	700	5,000	500
1,400	600	5,700	400
2,200	600	5,800	400
3,000	600	9,800	200



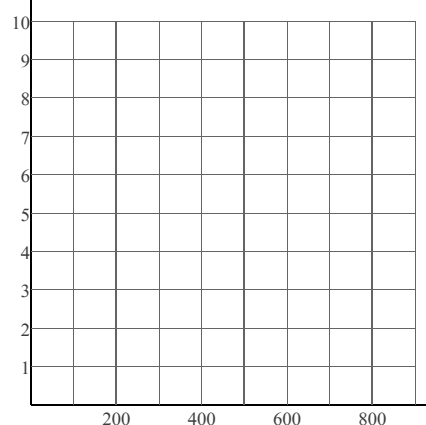
3)

X	Y	X	Y	X	Y
60	40	420	30	550	20
230	30	540	20	840	10
320	30	540	20	850	10
400	30				



4)

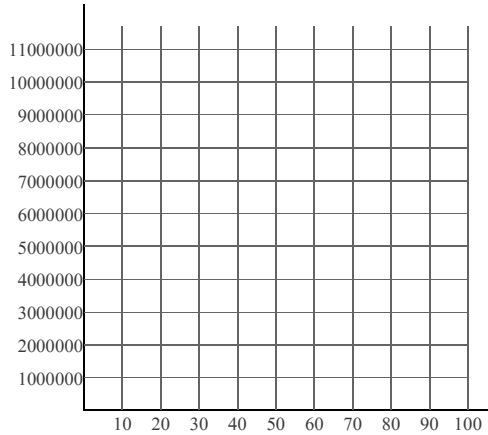
X	Y	X	Y	X	Y
160	1	420	5	510	3
280	10	420	7	840	10
420	1	440	6	900	3
420	3				



5)

X	Y
10	1,400
30	11,300
40	27,100
50	79,900
60	209,400

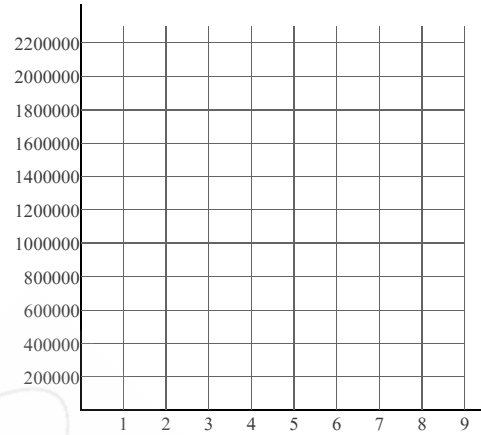
X	Y
80	1,880,700
90	3,100,000
90	4,241,500
90	4,951,900
100	11,694,000



6)

X	Y
1	40
3	670
3	860
3	1,730
3	1,750

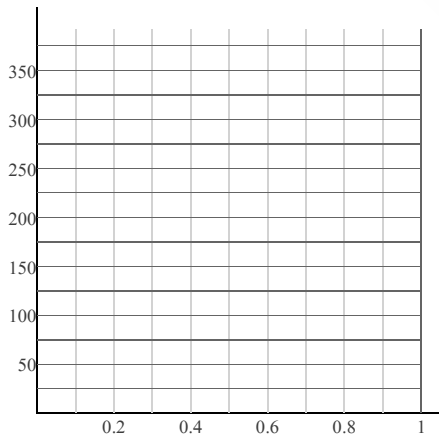
X	Y
3	2,190
6	56,790
8	407,290
8	564,580
9	2,297,240



7)

X	Y
0.1	391.3
0.2	85.9
0.2	102.8
0.3	33.2
0.3	37.5

X	Y
0.4	14.4
0.6	2.5
0.7	0.9
0.8	0.3
1	0.01

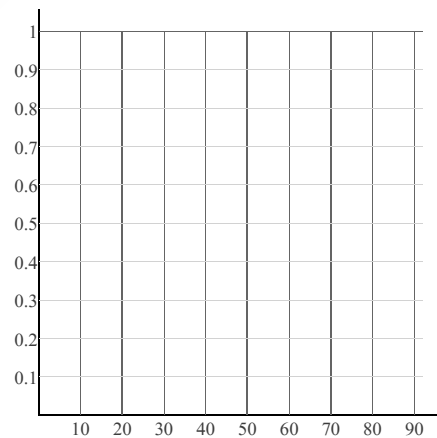


8)

X	Y
14	0.46
26	0.43
30	0.58
45	0.86

X	Y
46	0.86
58	0.04
72	0.4

X	Y
74	0.03
86	0.8
92	0.78



Answers to

