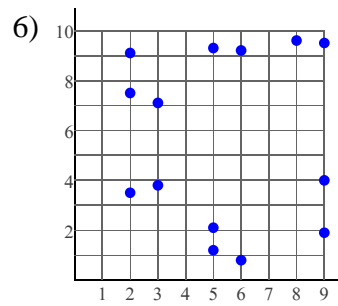
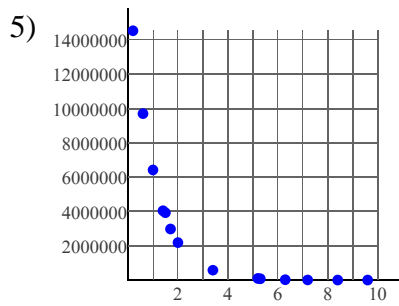
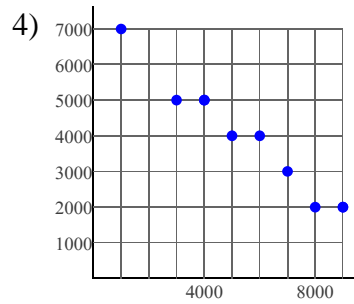
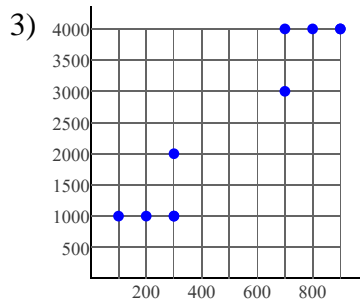
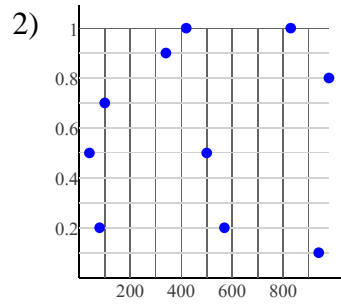
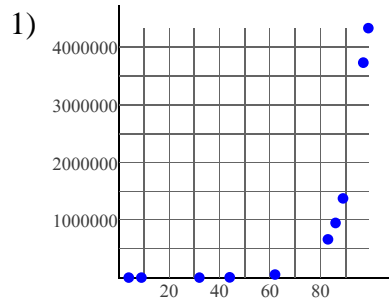


Scatter Plots

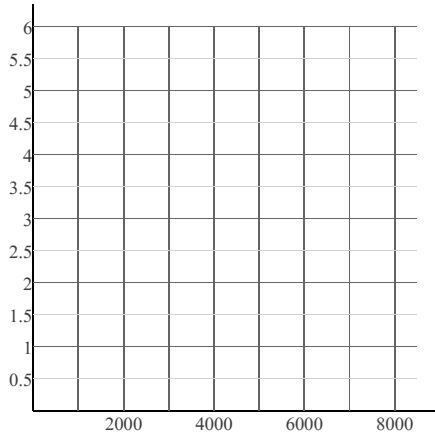
State if there appears to be a positive correlation, negative correlation, or no correlation. When there is a correlation, identify the relationship as linear or nonlinear.



Construct a scatter plot.

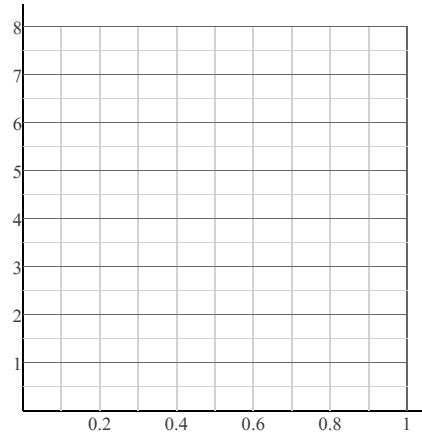
7)

X	Y	X	Y
300	1	1,800	3
800	1	3,400	3
1,100	2	4,700	4
1,600	2	6,000	4
1,700	2	8,500	6



8)

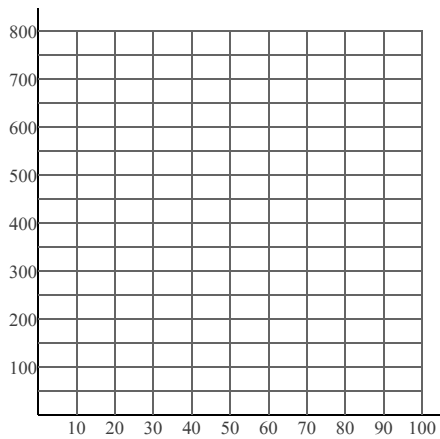
X	Y	X	Y	X	Y
0.1	7.5	0.4	3.3	0.6	1.8
0.1	7.6	0.6	1.4	0.9	1.5
0.3	4.5	0.6	1.7	1	1.7
0.4	3.2				



Construct a scatter plot. Find the slope-intercept form of the equation of the line that best fits the data.

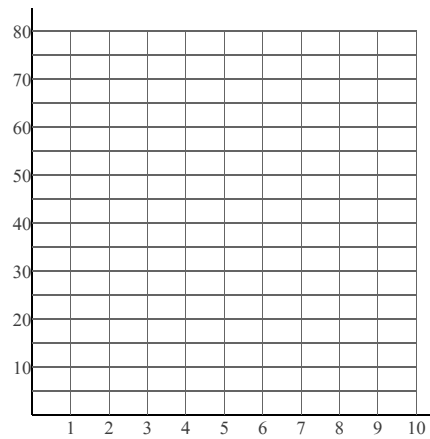
9)

X	Y	X	Y	X	Y
10	700	40	300	70	100
10	800	60	200	80	100
30	400	70	100	100	200
30	500				



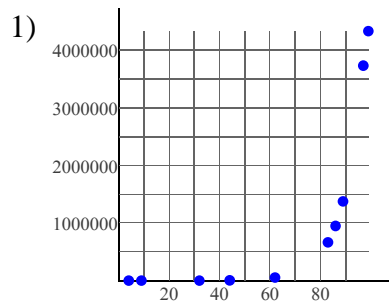
10)

X	Y	X	Y	X	Y
1	20	5	70	7	80
2	40	6	80	9	80
3	50	7	80	10	80
4	60				

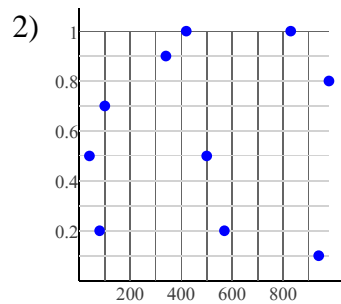


Scatter Plots

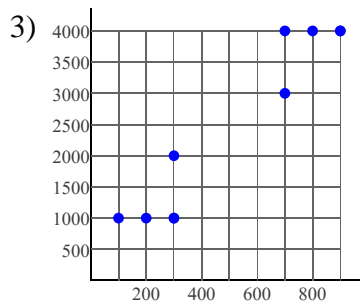
State if there appears to be a positive correlation, negative correlation, or no correlation. When there is a correlation, identify the relationship as linear or nonlinear.



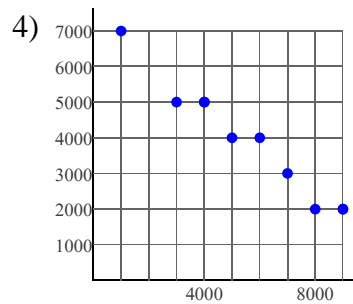
Positive correlation
Nonlinear



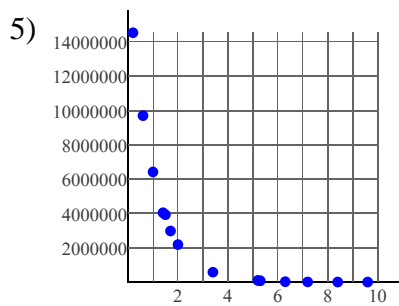
No correlation



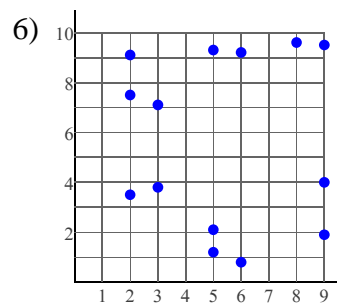
Positive correlation
Linear



Negative correlation
Linear



Negative correlation
Nonlinear

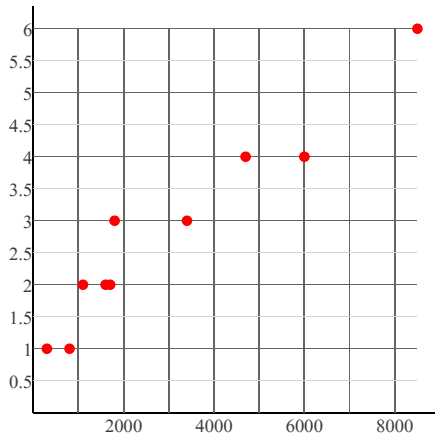


No correlation

Construct a scatter plot.

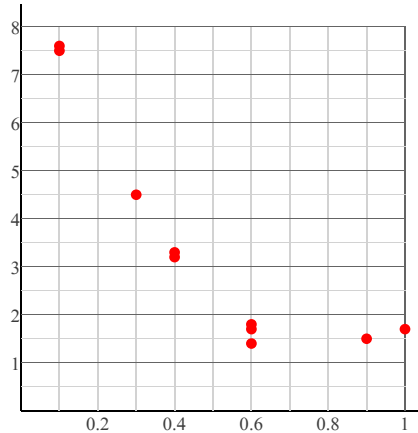
7)

X	Y	X	Y
300	1	1,800	3
800	1	3,400	3
1,100	2	4,700	4
1,600	2	6,000	4
1,700	2	8,500	6



8)

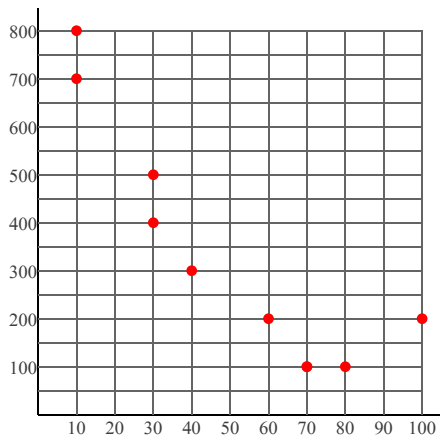
X	Y	X	Y	X	Y
0.1	7.5	0.4	3.3	0.6	1.8
0.1	7.6	0.6	1.4	0.9	1.5
0.3	4.5	0.6	1.7	1	1.7
0.4	3.2				



Construct a scatter plot. Find the slope-intercept form of the equation of the line that best fits the data.

9)

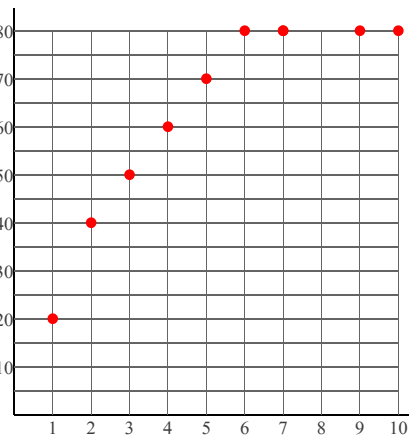
X	Y	X	Y	X	Y
10	700	40	300	70	100
10	800	60	200	80	100
30	400	70	100	100	200
30	500				



$y = -7.381x + 709.05$

10)

X	Y	X	Y	X	Y
1	20	5	70	7	80
2	40	6	80	9	80
3	50	7	80	10	80
4	60				



$y = 6.4286x + 29.286$