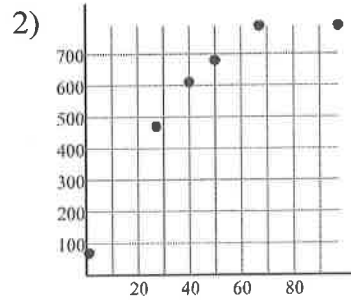
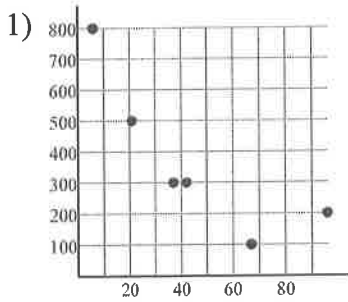


Scatter plots

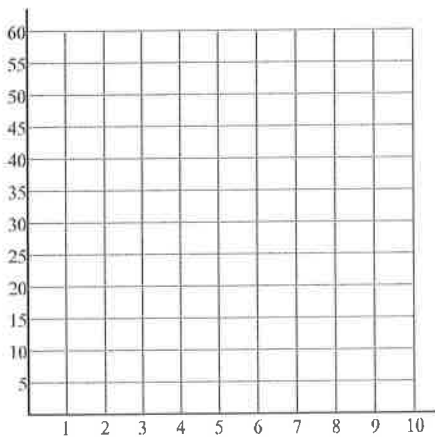
State if there appears to be a positive correlation, negative correlation, or no correlation.



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, quadratic, or exponential.

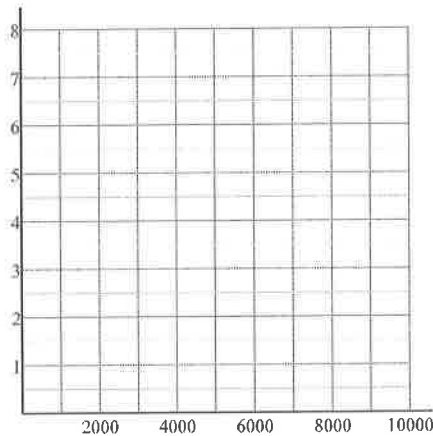
3)

X	Y	X	Y	X	Y
1	60	5	40	9	20
3	50	8	20	9	20
3	50	9	10	10	10
4	50				



4)

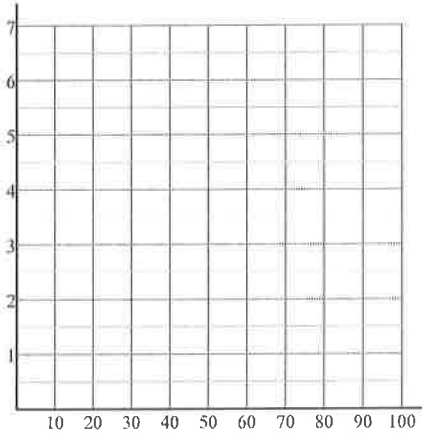
X	Y	X	Y
1,000	7.8	6,000	1.5
3,000	4.2	6,000	1.5
3,000	4.3	7,000	1.2
4,000	3	9,000	1.5
5,000	2.4	10,000	1.9



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, quadratic, or exponential. Also find the slope-intercept form of the equation of the line that best fits.

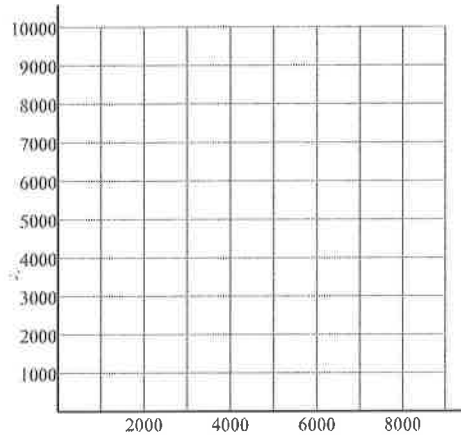
5)

X	Y	X	Y	X	Y
10	2	40	4	90	6
20	2	50	4	90	7
30	2	80	5	100	6
40	3	80	6	100	7
40	3	90	6		



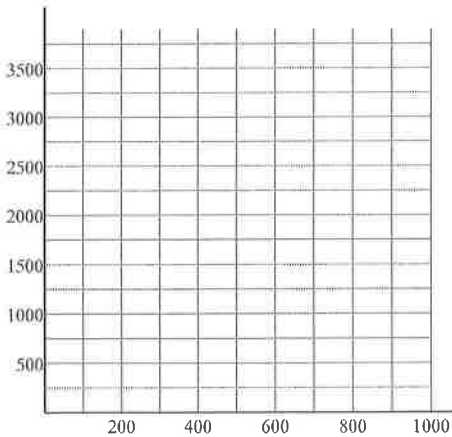
6)

X	Y	X	Y
1,000	10,000	6,000	3,000
2,000	5,000	6,000	8,000
4,000	8,000	6,000	10,000
5,000	2,000	7,000	9,000
5,000	3,000	8,000	6,000
5,000	7,000	8,000	9,000
6,000	3,000	9,000	5,000



7)

X	Y	X	Y
100	3,900	600	2,800
300	3,200	700	1,800
400	2,400	800	1,300
400	3,100	900	500
500	2,500	900	900
600	1,700	900	1,300
600	2,000	1,000	800



8)

X	Y	X	Y	X	Y
100	1	500	3	800	4
100	2	500	4	800	5
100	2	600	3	900	4
200	2	600	4	900	5
300	2	800	4		

