Principles of Algebra   Name/Date Clee / Today

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 6B.2 - More Scatter Plots
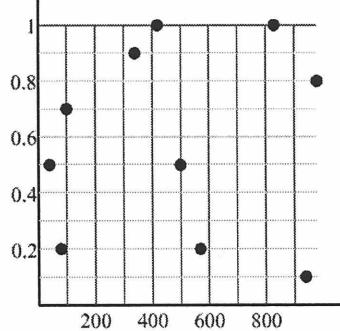
#1-6, For each scatter plot, state if there appears to be a positive correlation, negative correlation, or no correlation. When there is a correlation, identify the relationship as linear or nonlinear.

1
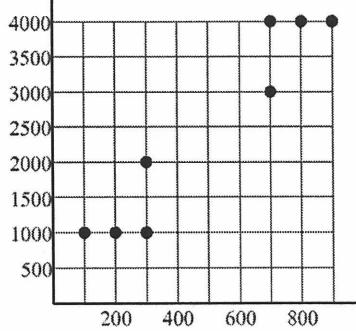
nonlinear correlation

2.
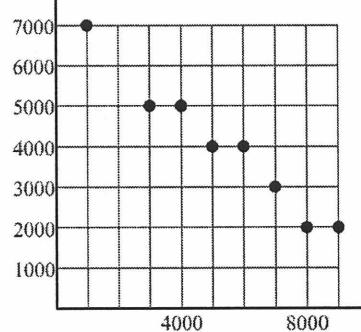
no correlation

3.
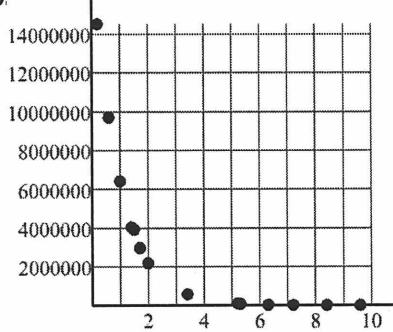
positive linear correlation

4.
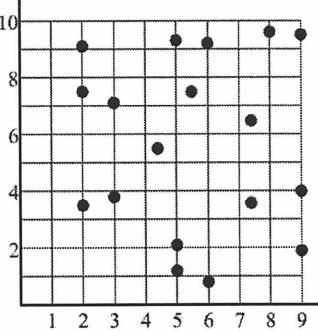
negative linear correlation

5.

nonlinear correlation

6.
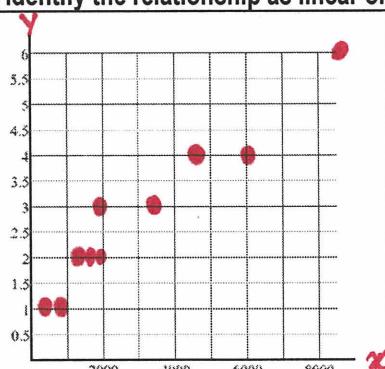
no correlation

#7-8, 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.

7.

X	Y
300	1
800	1
1,100	2
1,600	2
1,700	2

X	Y
1,800	3
3,400	3
4,700	4
6,000	4
8,500	6

positive linear correlation

8.
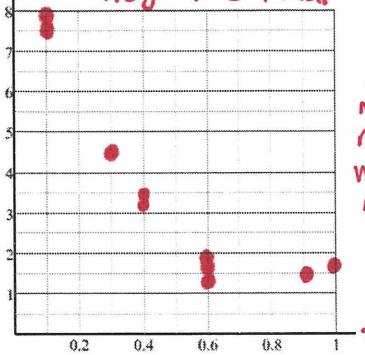
X	Y
0.1	7.5
0.1	7.6
0.3	4.5
0.4	3.2

X	Y
0.4	3.3
0.6	1.4
0.6	1.7

X	Y
0.6	1.8
0.9	1.5
1	1.7

negative linear correlation

or maybe nonlinear? we need more points!