Name:_____

For the purposes of this activity, use $\hat{y} = ax + b$ as the equation of the LSRL.

	Data Set 1			Data Set 2			Data Set 3			Data Set 4	
	х	у		х	у		х	У		х	у
	10	8.04		10	9.14		10	7.46		8	6.58
	8	6.95		8	8.14		8	6.77		8	5.76
	13	7.58		13	8.74		13	12.74		8	7.71
	9	8.81		9	8.77		9	7.11		8	8.84
	11	8.33		11	9.26		11	7.81		8	8.47
	14	9.96		14	8.10		14	8.84		8	7.04
	6	7.24		6	6.13		6	6.08		8	5.25
	4	4.26		4	3.10		4	5.39		19	12.50
	12	10.84		12	9.13		12	8.15		8	5.56
	7	4.82		7	7.26		7	6.42		8	7.91
	5	5.68		5	4.74		5	5.73		8	6.89
a =			a =			a =			a =		
b =			b =			b =			b =		
r =			r =			r =			r =		
r-squared=			r-squared=			r-squared=			r-squared=		

Write a paragraph about your observations below. What did you notice about the relationship between the four data sets? Why do you think this is true?