PsychSim 5: Correlation

## **PsychSim 5: CORRELATION**

Nam	e:	Section:
Date	:	
This	activity demonstrates the use of scatte	erplots to visualize positive and negative relationships.
	ive Correlation  What does it mean to say that two v	ariables are positively correlated?
	ative Correlation  What does it mean to say that two v	ariables are negatively correlated?
Unco •	orrelated Variables What does it mean to say that two v	ariables are uncorrelated?
Corr	relation Coefficient What is a correlation coefficient?	
Why •		archer gain by calculating a correlation coefficient rather than a positive correlation or a negative correlation?
Estin •	nating the Relationship  Look at the scatterplots and try to es the relationship. Write in your guess	stimate the direction (positive or negative) and the strength of s below.
	o Scatterplot 1	o Scatterplot 4
	o Scatterplot 2	o Scatterplot 5
	o Scatterplot 3	o Scatterplot 6
Caus •	able high or low ables are The relationship between two correl	ated variables has on exists between variables, then knowing a person's score on