

Name _____
Date Due _____

Assignment (circle, as instructed):
problems 1 2 3 4 5 6 7 ALL

Correlational Coefficients Exercise (10 points)

Describe in words, the nature of the relationship between each pair of variables, indicated by the value of r .

Be sure to include:

- a. the direction of the relationship.
- b. the strength of the relationship.
- c. a verbal description of the way the variables “go together.”
- d. an approximate scatterplot of the relationship.

1. $r = .96$ between craving for pizza and ability to concentrate on studying.



2. $r = .65$ between the number of soap opera watched and incidence of brain damage.

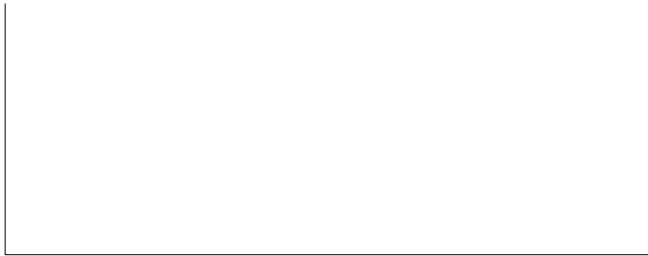


Correlation Coefficients Exercise (continued)

3. $r = -.23$ between the number of interfering mothers-in-law and the number of happy marriages.



4. $r = .33$ between scores on a hyperactivity scale and an aggression scale.



5. $r = .00$ between shoe size and degree of extroversion.



6. $r = -.47$ between your grade in this class and your level of stress.



7. $r = .38$ between being “baby-faced” and being found guilty of a non-violent crime.

