Algebra I Journal S.ID.C.6: Correlation Coefficient www.jmap.org

NAME:

1. Describe two sets of data that you would expect to have a strong positive correlation.

- 2. a. Make a table of data for a linear function. Use a graphing calculator to find the equation of a line of best fit.
 - b. What is the correlation coefficient for your linear data?

Answers may vary. Samples: the amount a family spends on food and the number of people in the [1] family; the height of a tree and its age in years

a. Answers may vary. Sample:

[2] <u>b. 1</u>