

Name _____ Date _____

Putting the Pieces Together
Analyzing and Interpreting Data

1. The table below shows the approximate amount of protein in 1 ounce of a variety of nuts, seeds, and cheeses.

Nut or Seed	Protein Amount in 1 ounce (grams)	Cheese	Protein Amount in 1 ounce (grams)
Acorns	2.1	Blue cheese	6.1
Almonds	6.0	Brick	6.6
Brazil nuts	4.0	Cheshire	6.6
Butternut Tree Seeds	2.4	Colby	6.7
Cashews	4.2	Cream cheese	2.1
Ginkgo nuts	2.9	Feta	4.0
Hazelnuts	4.2	Goat	8.7
Hickory nuts	3.5	Gruyere	8.5
Macadamia nuts	2.2	Limburger	5.7
Peanuts	6.6	Mexican	6.0
Pecans	2.6	Muenster	6.6
Pistachio nuts	6.1	Processed Cheese Spread	4.6
Pumpkin seeds	6.6	Parmesan	10.9
Sesame seeds	4.8	Romano	9.0
Sunflower seeds	5.4	Ricotta	3.2
Walnuts	6.6	Swiss	7.6



- a. Analyze the data.

Construct a stem-and-leaf plot of the cheese data.

- b. Describe the distribution of the stem-and-leaf plot.

- c. Based on the shape of the data, identify the appropriate measures of center and spread for the data.

- d. Calculate the measures of center and spread you described in part (c).

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e. Construct a side-by-side stem-and-leaf plot of the nut/seed and cheese data.

f. Describe the distribution of the nuts and seeds data. Identify the most appropriate measures of center and spread from these data.

g. Calculate the measures of center and spread you identified in part (a) for the nuts and seeds data and the cheeses data.

