



Displaying Data: Student Handout

INSTRUCTIONS

Snapshot Wisconsin is a citizen science project for monitoring wildlife across the state. The following data were collected from 6 Snapshot Wisconsin trail cameras. Help decide the best ways to display and summarize the data.

- Jen gathered data from 6 Wisconsin trail cameras.

Dataset 1	
Number of pictures captured at temperature in degrees Fahrenheit	
Degrees Fahrenheit	Number of pictures
1 - 25	228
26-50	1133
51-75	1766
76-100	159

Dataset 3	
Number of pictures captured at six cameras	
Species	Number of Pictures
Turkey	80
Elk	92
Deer	1895
Bear	62
Wolf	9
Cottontail Rabbit	263

Dataset 2	
Number of pictures of deer captured each month	
Month of the year	Number of Pictures
January	281
February	212
March	380
April	252
May	419
June	319
July	252
August	422
September	314
October	146
November	184
December	127

- Explain what kind of graph would be the best fit for each dataset and describe how Jen can make that graph.



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- b. For Dataset 2, find the mean, median, mode, range, and make a box-and-whisker plot. **Round your answers to the ones place.** Then use your measures and plot to make a statement about this dataset.



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2. Sarah has gathered data about canids (species that are members of the dog family). She wants to see if there is a line of best fit that she can use to make predictions about other canids.

Canid	Length (head to tail)	Weight	Speed
Wolf	60	95	34
Coyote	43	35	39
Red Fox	39	12	31
Grey Fox	38	11	34

- a. Analyze this dataset using what you have learned using multiple scatterplots. Find a line of best fit if you can. Use the provided graphing paper or the space below.
- b. Write three statements about the canids that are supported by the data. *Hint: the data may support some relationships, but not others!*