

What story does a graph tell you?

Name: _____

Group Number: _____

Answer the following questions for the beginning of the next class. Be sure to record the answers to questions #1 and #2 before you leave class.

1. What was your group's interpretation for the graph you had to post?

2. What were the two critiques given?

#1:

#2:

3. Comment on each of the critiques. Were there things your group missed? Things your group interpreted differently? Use complete sentences in your commentary.

4. The homeowner's association for a small community recorded the number of people visiting the community swimming pool each day in the month of August. The data is given here:

| | |
|---|-----------------------|
| 2 | 2 3 3 3 3 4 4 4 4 4 4 |
| 2 | 5 5 5 5 5 6 6 7 7 7 8 |
| 3 | |
| 3 | |
| 4 | 1 3 3 |
| 4 | 5 7 7 8 8 8 |

a) Provide an interpretation of the data. Be sure to comment on the shape, center, and spread of the data.

b) The president of the homeowners association has the following interpretation of the data: the data is skewed left and is bimodal because no one goes to the pool during the week. Provide your critique of this interpretation.