Name: **Statistics**

Date: **Practice Quiz 2-A**

1. Use a ruler or protractor to make a clear, neat, precise, full-color graph for one of the following data sets.

a) What sports do you watch? (sample: 225 California adults)
football 110, basketball 90, baseball 35, hockey 46

b) Which of these college majors do you find most interesting? (sample: 85 high school seniors)
English 11, Biology 16, Business 51, Psychology 25

c) Do older people carry more cash with them? (sample: 12 adults)

Age:	19	55	43	70	64	25	33	18	29	24	50	36
Cash Carried (when asked):	$4	$120	$0	$40	$40	$115	$360	$15	$5	$45	$60	$12

d) How has Facebook usage changed over the past decade?

Year:	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Active users in June (millions):	1155	1317	1490	1712	2006	2234	2414	2701	2895	2934	3030

Check the following for all four graphs.

- ☐ *The type of graph is appropriate.*
- ☐ *The title and axis labels make the variables clear.*
- ☐ *The intended population is clear.*
- ☐ *The graph is neat.*
- ☐ *The dependent variable is not on the x-axis.*

Check the following for the graph in #1.

- ☐ *The bars, dots, or pie slices are in color.*
- ☐ *Everything is inked and/or in color, including words, numbers, and axes.*
- ☐ *The graph is attractive.*
- ☐ *The graph appears to have been drawn carefully.*

2. For each of the three data sets above that you have not graphed yet, sketch a clear, neat graph. Use a different type of graph for all four graphs.