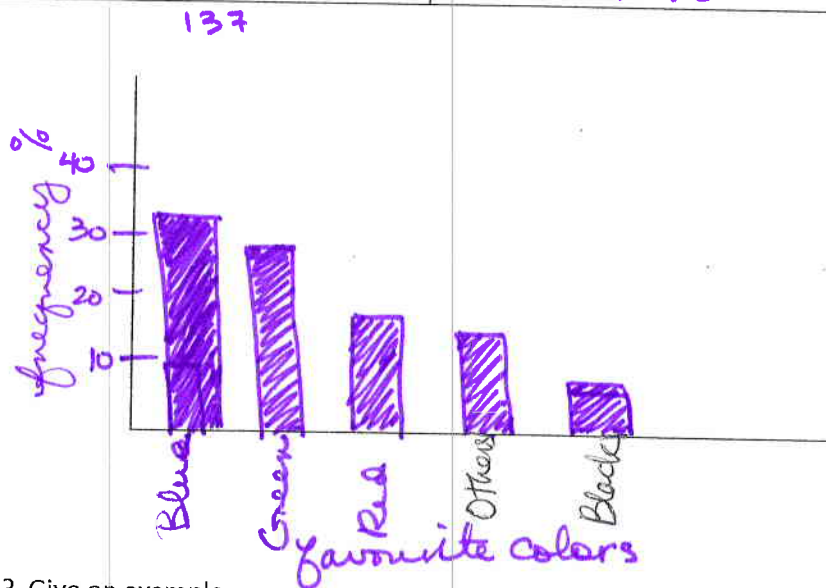
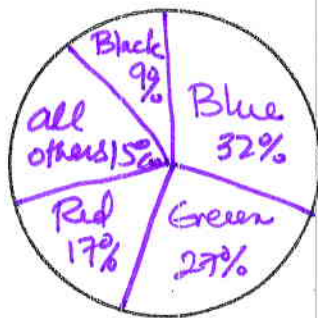


Instructions: Answer each question completely. Show all work for any computational questions.

1. Use the chart of data below to draw a pie chart on the blank circle below, and a bar chart on the blank pair of axes. Label each with the correct frequency after completing the table. Rank the bar chart in order from highest frequency to lowest.

Category: Favorite Color	Count	Frequency
Blue	44	32%
Red	23	17%
Green	37	27%
Black	12	9%
All Others	21	15%



2. What is seasonal variation? Give an example.

patterns in data the change in a predictable way, as in rainfall totals per month. (examples will vary)

3. Give two features of a "bad graph" that should be avoided.

pictograms that scale 2-dimensionally even when the data is only changing in one direction;
 too much data in one graph;
 pie charts using perspective; your answers may vary