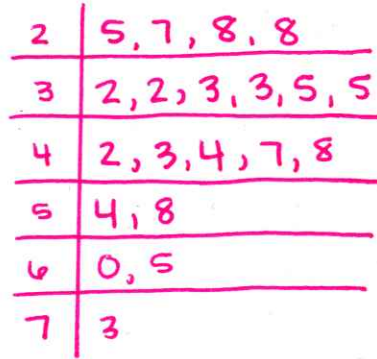
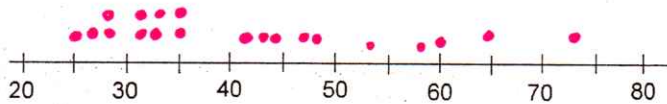


For #1 – 9: Use the following information: At one particular Virginia high school, the math department consists of 20 teachers. Their ages are as follows:

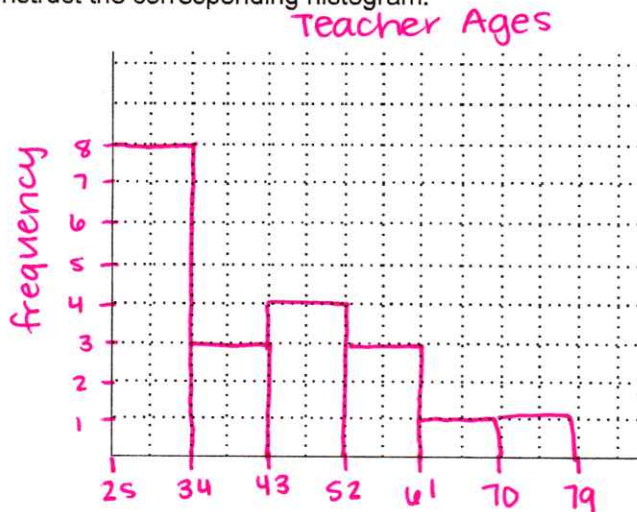
~~54~~ ~~58~~ ~~60~~ ~~43~~ ~~35~~ ~~32~~ ~~47~~ ~~28~~ ~~33~~ ~~42~~ ~~65~~ ~~73~~ ~~44~~ ~~27~~ ~~32~~ ~~35~~ ~~28~~ ~~25~~ ~~48~~ ~~33~~

- Construct a dotplot for the data.
- Construct a stemplot for the data.



- Complete the frequency table below and construct the corresponding histogram.

Class	Count
25 to < 34	8
34 to < 43	3
43 to < 52	4
52 to < 61	3
61 to < 70	1
70 to < 79	1



skip for now

- Describe the shape: roughly symmetric, roughly skewed left, roughly skewed right, or no discernible shape.
- Describe the spread of the distribution.
- What is the center of the distribution? (Hint: look at the original data set)
- Do there appear to be any obvious outliers? If so, name them.
- What is the width of each class in the histogram?
- Could this data set be represented by a pie graph? Why or why not?

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