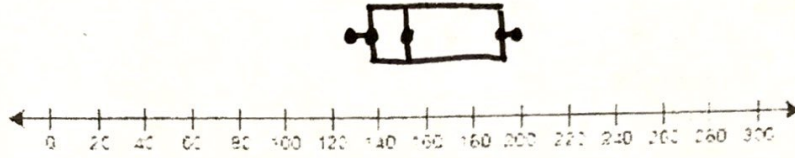


Construct a box and whisker plot with the following pieces of data:

Minimum 129, Q1 136, Median 152, Q3 190.5, Maximum 196



2. Construct a box and whisker plot for the following data:

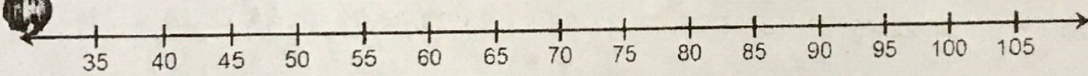
Math Scores: 80, 75, 90, 95, 65, 65, 80, 85, 70, 100, 40, 70, 90, 75, 55

\bar{X} Mean: _____ ✓ Median: _____ ✓ Maximum: _____
 ✓ Minimum: _____ ✓ First Quartile: _____ ✓ Third Quartile: _____

IQR: _____
 $Q_3 - Q_1$

Outliers: _____

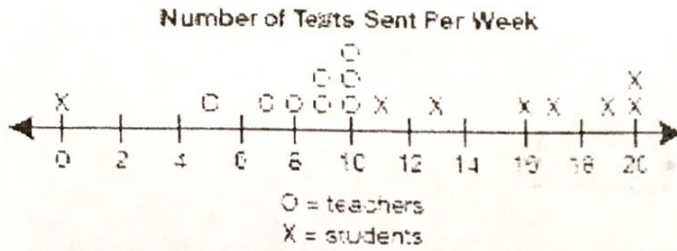
$Q_1 - 1.5(IQR)$
 $Q_3 + 1.5(IQR)$



3. Calculate the mean and mean absolute deviation in the table below:

| Data | Mean | Deviation From the Mean | Absolute Value of the Deviation From the Mean |
|-------------------------|---------|-------------------------|---|
| 19 | 38 ↓ | -19 | 19 |
| 26 | | | |
| 45 | | | |
| 73 | | | |
| 27 | | | |
| Mean Absolute Deviation | | | Add/5 |

4. The dot plot below shows the number of texts sent per week by teachers and students. Describe the distribution of both sets for the line plot shown below:



Which number of texts occurred with the greatest frequency?

What is the range of the number of texts sent per week?

What is the mean of the teacher's text?

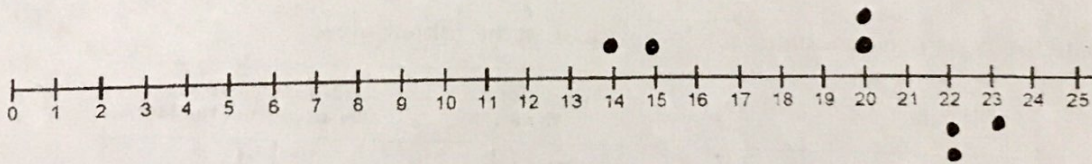
What is the maximum for all text?

5. Construct a dot plot for the two data sets below. Plot quiz #1 above the axis and plot quiz #2 below the axis,

Quiz #1 20, 15, 14, 20, 16, 19, 10, 21, 24, 15, 15, 14, 15, 21, 19, 15, 20, 18, 18, 22, 18, 16, 18, 19, 21, 19, 16, 20, 14, 12

Quiz #2 22, 22, 23, 22, 21, 24, 22, 19, 21, 23, 23, 25, 24, 22, 22, 23, 23, 23, 23, 23, 22, 24, 23, 22, 24, 21, 24, 16, 21, 16, 14

Quiz #1



Quiz#2

For each quiz which score occurred with the greatest frequency?

Use at least one complete sentence to compare the scores of Quiz #1 to the scores on Quiz #2.