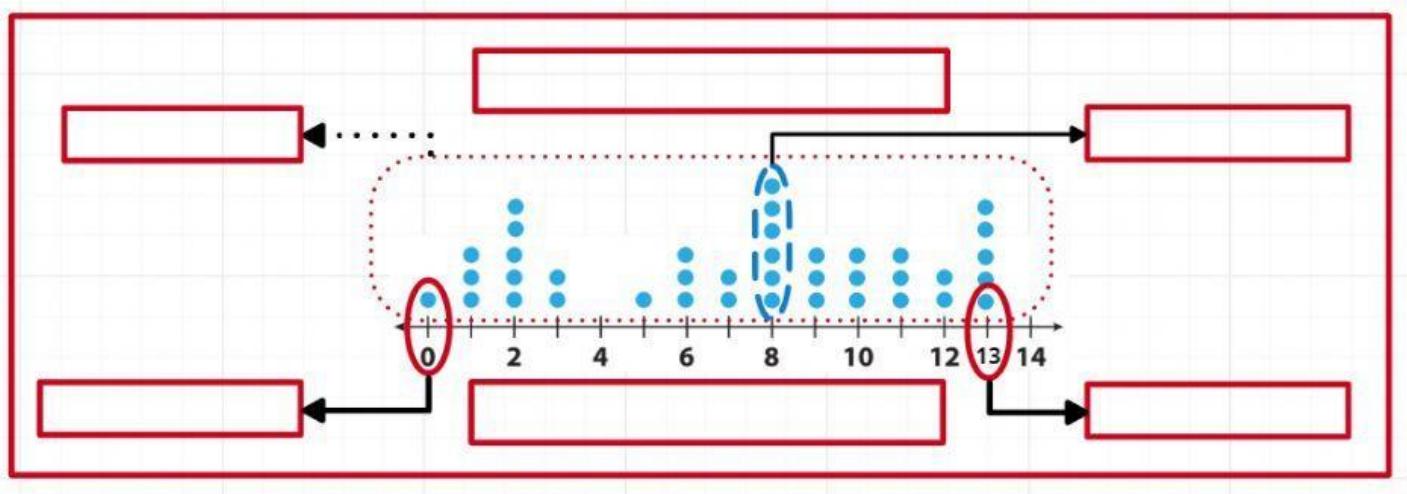




Workshop GOAL 3 – Box Plots

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Sixth Graders
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1. Drag the words to complete the mind map of dot plot .



Frequency

Label

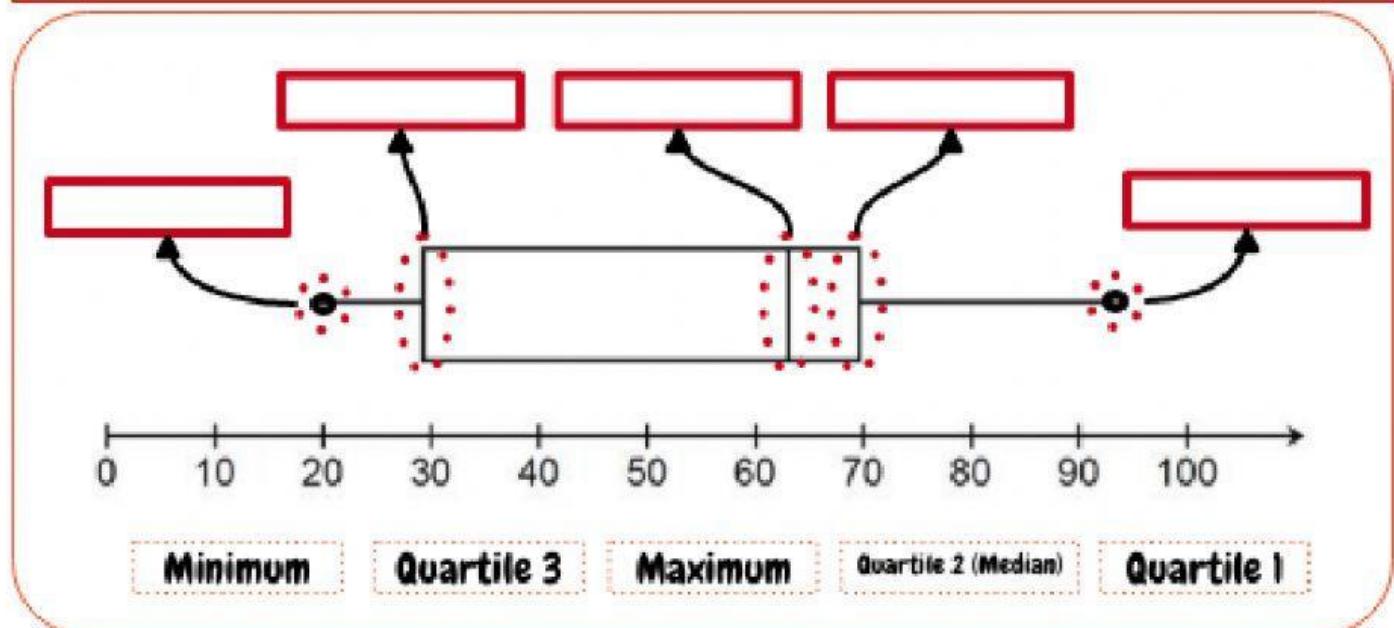
Mode

Greatest

Title

Least

2. Drag the words to complete the mind map of box plot .



Minimum

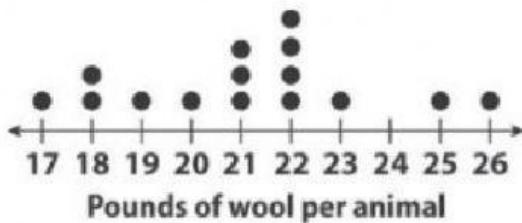
Quartile 3

Maximum

Quartile 2 (Median)

Quartile 1

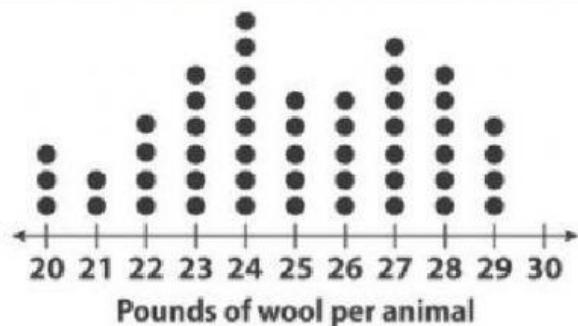
3. Find the mode, median and range of each dot plot.



mode =

median =

range =



mode =

median =

range =

4. According to the problem, complete the 5-matrix boxes for each school.

The table shows the ages of random samples of 10 students at two different secondary schools.

Ocean View

13, 14, 15, 14, 18, 17, 12, 18, 11, 14

Organized data set



5-matrix box plot

| | |
|---------------------|--|
| Minimum | |
| Quartile 1 | |
| Quartile 2 (Median) | |
| Quartile 3 | |
| Maximum | |

Mountain View

11, 14, 13, 13, 19, 18, 15, 16, 16, 14

Organized data set



5-matrix box plot

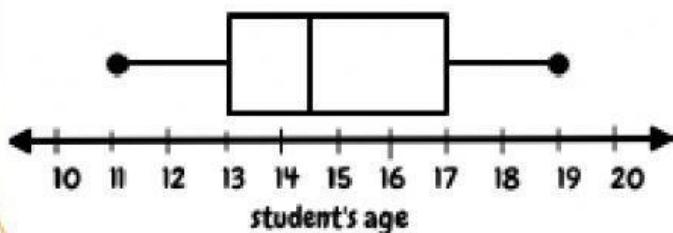
| | |
|---------------------|--|
| Minimum | |
| Quartile 1 | |
| Quartile 2 (Median) | |
| Quartile 3 | |
| Maximum | |

5. According to the problem, match the box plot with its corresponding school.

Ocean View

Mountain View

School



School

