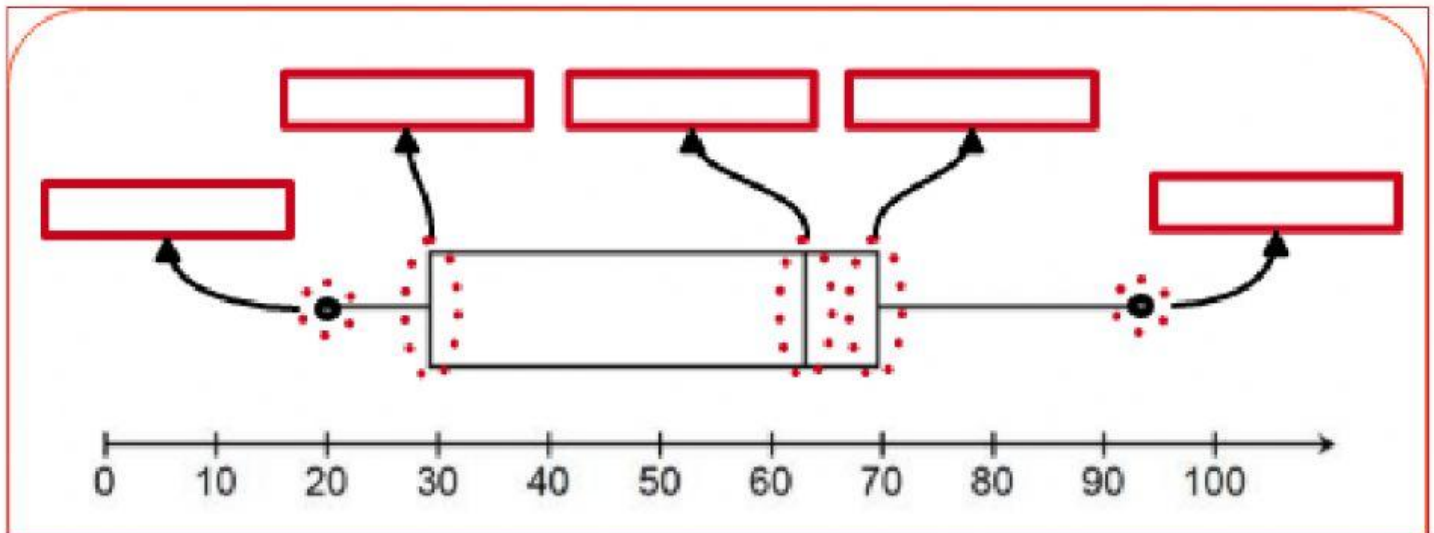




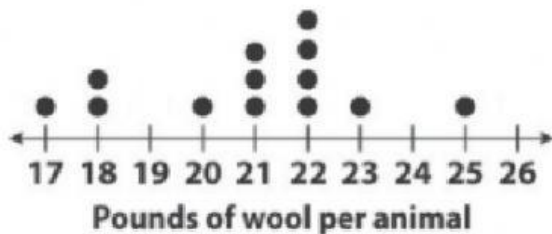
Workshop GOAL 4 – Analyze Box Plots

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Sixth Graders
October 2020

1. Choose the correct words to complete the mind map of box plot.



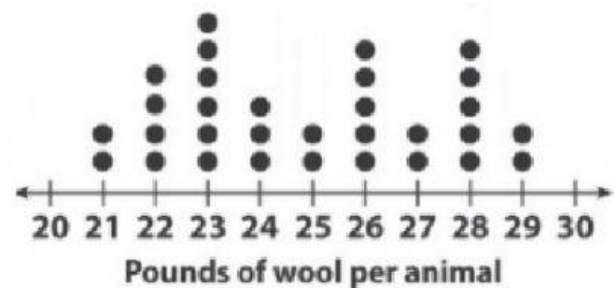
2. Find the mode, median and range of each of the dot plot.



mode =

median =

range =



mode =

median =

range =

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

The table shows the ages of random samples of 11 students at two different secondary schools.

Ocean View

16, 13, 15, 10, 11, 14, 12, 16, 13, 17, 10

Organized data set

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5-matrix box plot

Minimum	
Quartile 1	
Quartile 2 (Median)	
Quartile 3	
Maximum	

Mountain View

11, 20, 19, 11, 10, 14, 16, 16, 15, 14, 18

Organized data set

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5-matrix box plot

Minimum	
Quartile 1	
Quartile 2 (Median)	
Quartile 3	
Maximum	

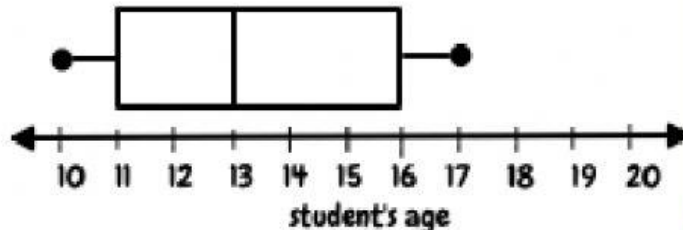
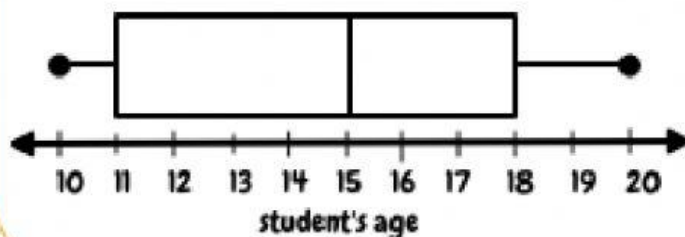
4. According to the problem, match the box plot with its corresponding school.

Ocean View

Mountain View

School

School

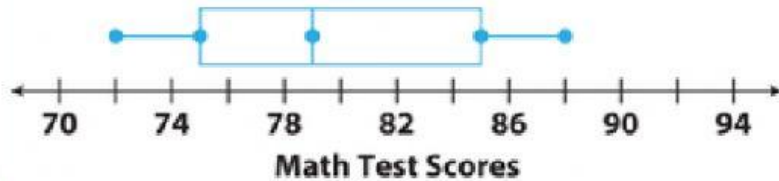


Continue



5. Analyze the box plot and choose the appropriate one for each item.

The box plot shows the results of a workshop in a sixth grade. Complete the 5 - matrix.

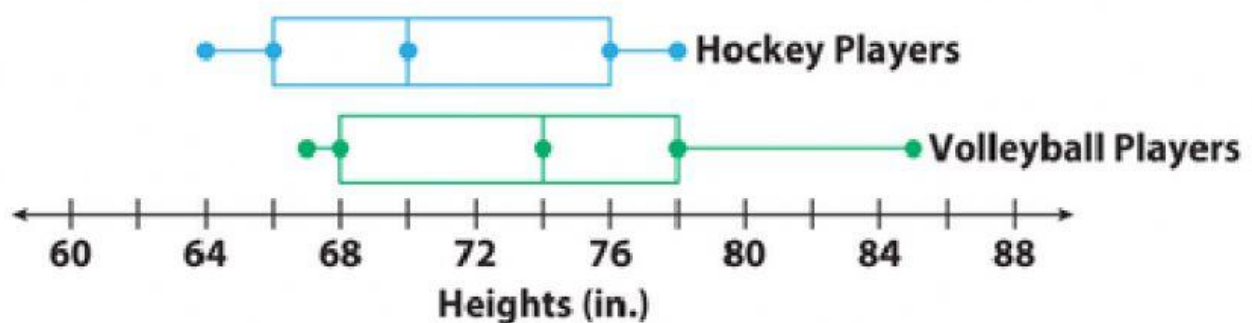


Minimum	
Quartile 1	
Quartile 2 (Median)	
Quartile 3	
Maximum	

6. Analyze the box plot and choose the appropriate interpretation for each item.

The box plot shows the distribution of heights of Hockey and Volleyball players.

Choose the best interpretation for each category.



Shapes:

Centers:

Spread:

You finished. Congratulations!

