

Box Plots, Range, and IQR

Use box plots to represent data based on real-world context. Then calculate the range and interquartile range (IQR).

1. Mrs. Martinez tracks how many guppies her pet store sells each week. Sale numbers from a 10-week period are listed below.

31, 34, 21, 20, 27, 26, 18, 54, 45, 35

Make a box plot.

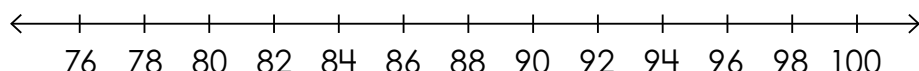
5-Number Summary

Min = _____
 Q1 = _____
 Median = _____
 Q3 = _____
 Max = _____



Preview

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the printable version of this worksheet.



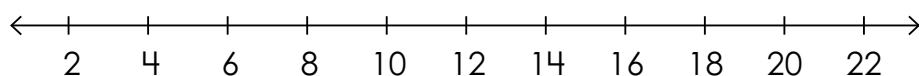
Median = _____
 Q3 = _____
 Max = _____

Range = _____
 IQR = _____

3. While at a family get-together, Yasmin asks her cousins their ages. Their answers are listed below.

13, 11, 16, 19, 21, 16, 3, 6

Make a box plot.



5-Number Summary

Min = _____
 Q1 = _____
 Median = _____
 Q3 = _____
 Max = _____

Range = _____
 IQR = _____

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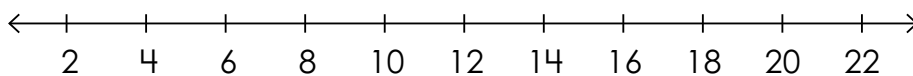
Make a box plot.

5-Number Summary

Min	=	18
Q1	=	21
Median	=	29

Preview

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Range	=	18
IQR	=	9