

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. Florence asks her friends how many different backpacks they have owned.

The numbers of different backpacks are listed below.

4, 3, 6, 4, 5, 7, 8, 4, 3, 6, 6

Make a box plot.

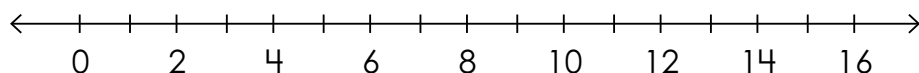
5-Number Summary

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



Preview

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Median	=	_____
Q3	=	_____
Max	=	_____

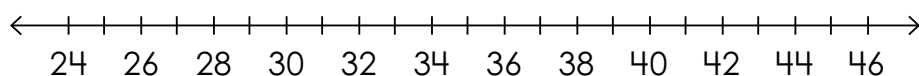
Range	=	_____
IQR	=	_____

3. A teacher randomly tests the typing speed of several students.

Their words per minute are listed below.

43, 33, 38, 40, 37, 26, 41, 33, 41

Make a box plot.



5-Number Summary

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

Range	=	_____
IQR	=	_____

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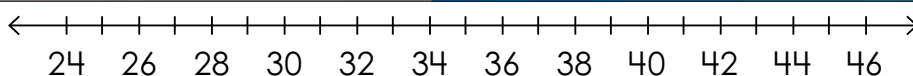
Make a box plot.

5-Number Summary

Min	=	3
Q1	=	4
Median	=	5

Preview

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Range	=	17
IQR	=	8