

Name: _____

Box Plot Scenarios

Use box plots to represent data based on real-world context.

- Ⓐ A farmer is keeping track of how many eggs each of his ten hens lays per week. The numbers of eggs are listed below.

5, 3, 4, 5, 6, 7, 2, 5, 4, 6

Make a box plot.

5-Number Summary

Min = _____

Q1 = _____

Median = _____

Q3 = _____

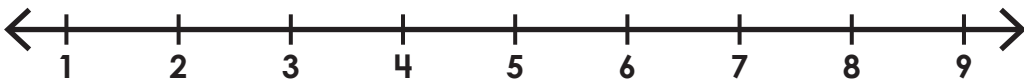
Max = _____



Preview

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Max = _____



- Ⓑ A teacher wants to know how many books her students have read this year. The numbers of books are listed below.

14, 5, 2, 21, 32, 7, 10, 12, 16, 24, 11

Make a box plot.

5-Number Summary

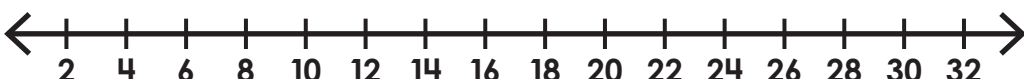
Min = _____

Q1 = _____

Median = _____

Q3 = _____

Max = _____



ANSWERS

Box Plot Scenarios

Use box plots to represent data based on real-world context.

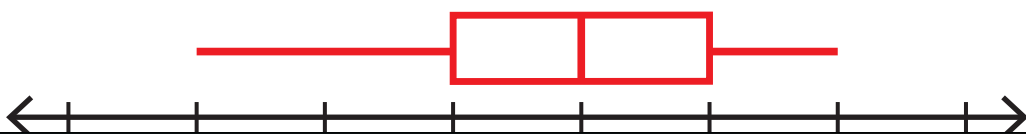
- a) A farmer is keeping track of how many eggs each of his ten hens lays per week. The numbers of eggs are listed below.

5, 3, 4, 5, 6, 7, 2, 5, 4, 6

Make a box plot.

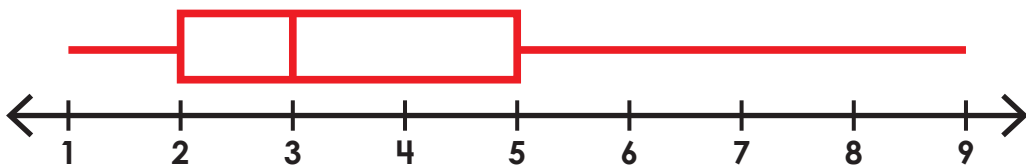
5-Number Summary

Min	=	<u>2</u>
Q1	=	<u>4</u>
Median	=	<u>5</u>
Q3	=	<u>6</u>
Max	=	<u>7</u>



Preview

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Q3	=	<u>5</u>
Max	=	<u>9</u>

- c) A teacher wants to know how many books her students have read this year. The numbers of books are listed below.

14, 5, 2, 21, 32, 7, 10, 12, 16, 24, 11

Make a box plot.

5-Number Summary

Min	=	<u>2</u>
Q1	=	<u>7</u>
Median	=	<u>12</u>
Q3	=	<u>21</u>
Max	=	<u>32</u>

