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

b) A student wanted to know how many hours per day her classmates spend playing video

Preview
Please log in to download the printable version of this worksheet.

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

5-Number Summary
Min = 2
Q1 = 3.5
Median = 5
Q3 = 6
Max = 7

(b) A student wanted to know how many hours per day her classmates spend playing video games.

(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

5-Number Summary
Min = 2
Q1 = 7
Median = 12
Q3 = 21
Max = 32