

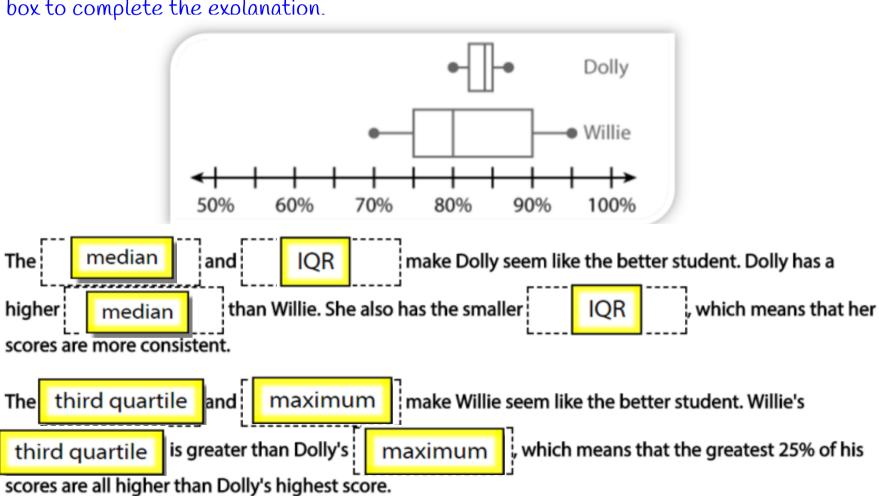
Personal Math Trainer 🖰

9.3 Histograms and Box Plots - Class & Homework





Dolly and Willie's scores are shown. Dolly claims that she is the better student, but Willie claims that he is the better student. What statistics make either Dolly or Willie seem like the better student? Drag and drop the correct word into each box to complete the explanation.

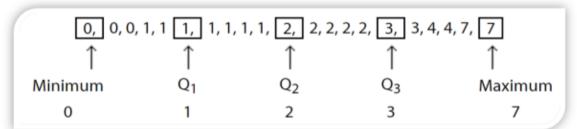


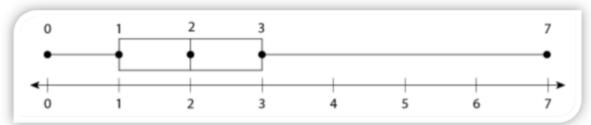
The numbers of anala Aracalu's soccar team scared in 21 sames are shown below.

Order the data from least to greatest.

Identify the 5 needed values

{minimum, first quartile, median, third quartile, and maximum,}



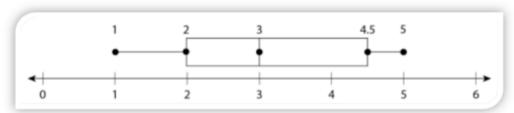


The numbers of field goals James' football team scored in 12 games are listed below.

Order the data from least to greatest.

Identify the 5 needed values

(minimum, first quartile, median, third quartile, and maximum.)

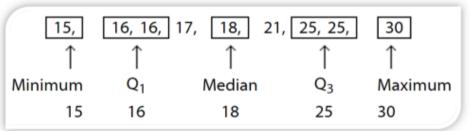


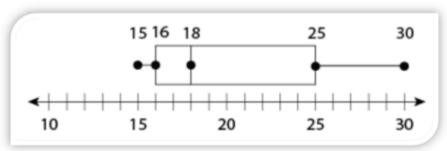
The numbers of baskets Nintalio's team scared in a names are listed below.

Order the data from least to greatest.

Identify the 5 needed values

(minimum, first quartile, median, third quartile, and maximum.)



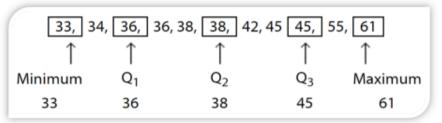


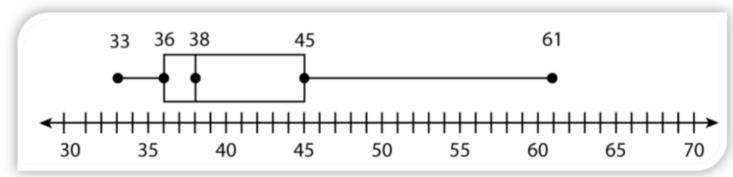
The numbers of points Armando's basketball team scored in 11 games are listed below.

Order the data from least to greatest.

Identify the 5 needed values

(minimum, first quartile, median, third quartile, and maximum.)







Select the histogram that describes the given data.

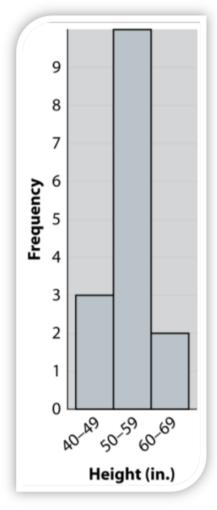
Listed and the heights in inches of the students in Ethania kanata class.

41, 47, 49, 51, 52, 53, 53, 55, 55, 55, 56, 57, 58, 67, 68

Create a frequency table. The data values range from 44 to 68, so use an interval width of 10 and start the first interval at 40

Age Interval	Frequency
41–49	3
50–59	10
60–69	2

Select the histogram that describes the given data.



Select the histogram that describes the given data.

Listed are the hreathing intervals in minutes of arounhales

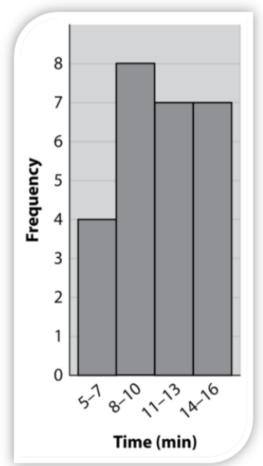
8, 5, 13, 6, 14, 9, 16, 8, 7, 10, 10, 9, 13, 16, 11, 13, 15, 13, 11, 14, 14, 12, 16, 8, 6, 9

Create a frequency table. The data values range from 5 to 54 so use an interval width

of 3 and start the first interval at 5.

Age Interval	Frequency
5-7	4
8~10	8
11-13	7
14~16	7

Select the histogram that describes the given data.



8 5

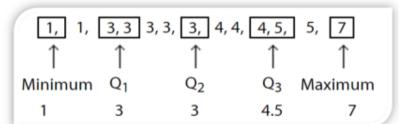
Select the box plot that describes the data listed below.

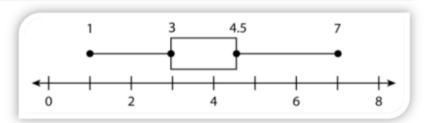
The numbers of goals scored by Lisa's soccer team in 13 games are listed below.

Order the data from least to greatest.

Identify the 5 needed values

(minimum, first quartile, median, third quartile, and maximum.)







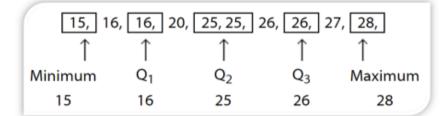
25, 26, 16, 20, 15, 25, 28, 26, 16

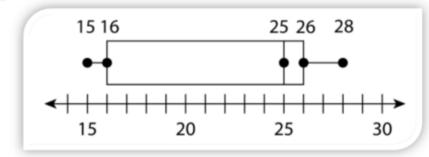
Order the data from least to greatest.

15, 16, 16, 20, 25, 25, 26, 26, 27, 28

Identify the 5 needed values

{minimum, first quartile, median, third quartile, and maximum.}

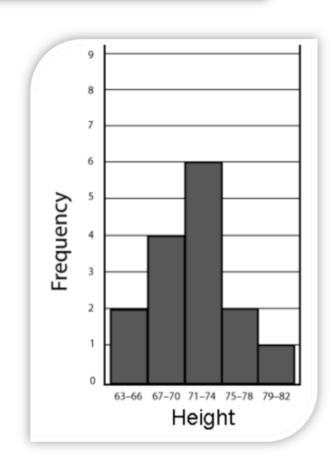




Listed are the heights of players, in inches, on a basketball team. Complete the frequency table from the data.

80, 76, 71, 67, 63, 78, 71, 74, 70, 65, 73, 70, 74, 72, 70

Height Interval	Frequency
63-66	
67-70	
71-74	
75–78	
79–82	



Examples

9.3 Histograms and Box Plots