

Name: _____

Creating Box Plots

Using 5-number summary:

Step 1 - Draw a box **above** the number line from Q1 to Q3.

Step 2 - Draw a vertical line **inside** the box at the median.

Step 3 - Draw a horizontal line from Q1 to the minimum and from Q3 to the maximum.

Example:



5-Number Summary

Min	=	2
Q1	=	4
Median	=	8
Q3	=	14



Preview

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the printable version of this worksheet.

(b)



Min	=	6
Q1	=	10
Median	=	14
Q3	=	18
Max	=	20

(c)

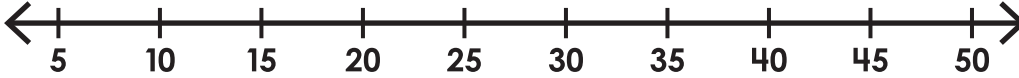


Min	=	1
Q1	=	3
Median	=	8
Q3	=	11
Max	=	16

Creating Box Plots

d

Min	=	16
Q1	=	21
Median	=	32
Q3	=	45
Max	=	50



e

Min	=	10
Q1	=	14
Median	=	35
Q3	=	43



Preview

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the printable version of this worksheet.

g

Min	=	5
Q1	=	16
Median	=	25
Q3	=	35
Max	=	41



h

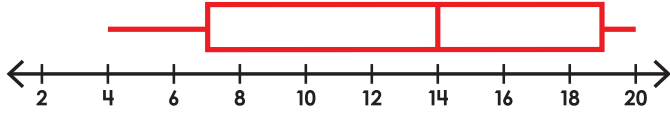
Min	=	8
Q1	=	17
Median	=	30
Q3	=	43
Max	=	50



ANSWERS

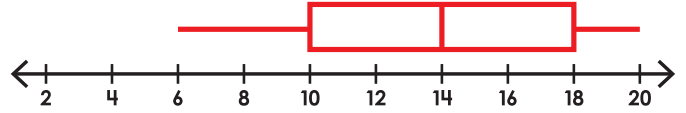
Creating Box Plots

(a)



Min	=	4
Q1	=	7
Median	=	14
Q3	=	19
Max	=	20

(b)



Min	=	6
Q1	=	10
Median	=	14
Q3	=	18
Max	=	20

(c)

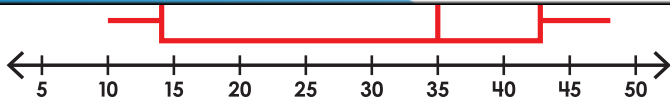


(d)

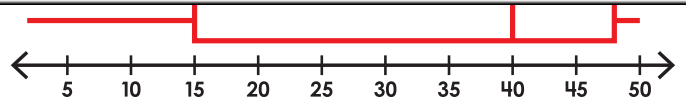


Preview

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

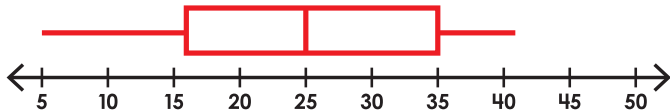


Min	=	10
Q1	=	14
Median	=	35
Q3	=	43
Max	=	48



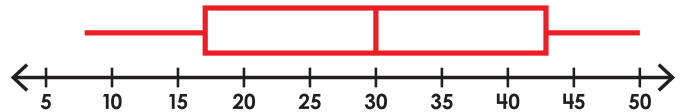
Min	=	2
Q1	=	15
Median	=	40
Q3	=	48
Max	=	50

(g)



Min	=	5
Q1	=	16
Median	=	25
Q3	=	35
Max	=	41

(h)



Min	=	8
Q1	=	17
Median	=	30
Q3	=	43
Max	=	50