Name: _____

Finding 5 Number Summaries

Minimum - the lowest value
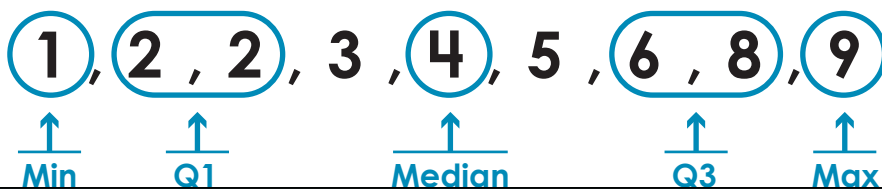**Maximum** - the highest value
Median - the value in the middle when numbers are ordered from least to greatest
Q1 - the lower quartile or the median of the lower half of the data set
Q3 - the upper quartile or the median of the upper half of the data set
(If two numbers are in the middle, take the average of the two.)

Example: 2, 5, 1, 3, 8, 9, 6, 4, 2

(1), (2 , 2), 3 , (4), 5 , (6 , 8), (9)

↑ Min   ↑ Q1   ↑ Median   ↑ Q3   ↑ Max

5-Number Summary		
Min	=	1
Q1	=	2
Median	=	4
Q3	=	7

(b) 1, 12, 8, 5, 7, 9, 11, 7, 11

5-Number Summary		
Min	=	_____
Q1	=	_____
Median	=	_____
Q3	=	_____
Max	=	_____

(c) 14, 6, 11, 9, 7, 2, 3, 5, 13

5-Number Summary		
Min	=	_____
Q1	=	_____
Median	=	_____
Q3	=	_____
Max	=	_____

Finding 5 Number Summaries

d   3, 9, 14, 7, 12, 10, 13, 18, 20

5-Number Summary	
Min	= _____
Q1	= _____
Median	= _____
Q3	= _____
Max	= _____

e   5, 7, 6, 12, 14, 10, 2, 3, 16

5-Number Summary	
Min	= _____
Q1	= _____
Median	= _____
Q3	= _____
Max	= _____

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

g   1, 4, 12, 15, 8, 10, 11, 17, 20

5-Number Summary	
Min	= _____
Q1	= _____
Median	= _____
Q3	= _____
Max	= _____

h   19, 15, 7, 12, 5, 2, 17, 20, 3

5-Number Summary	
Min	= _____
Q1	= _____
Median	= _____
Q3	= _____
Max	= _____

ANSWERS

Finding 5 Number Summaries

ⓐ
5-Number Summary		
Min	=	2
Q1	=	3
Median	=	5
Q3	=	8
Max	=	10

ⓑ
5-Number Summary		
Min	=	1
Q1	=	6
Median	=	8
Q3	=	11
Max	=	12

ⓒ
5-Number Summary		
Min	=	2
Q1	=	4

ⓓ
5-Number Summary		
Min	=	3
Q1	=	8

	=	13
Q3	=	13
Max	=	16

Q3	=	18
Max	=	20

ⓖ
5-Number Summary		
Min	=	1
Q1	=	6
Median	=	11
Q3	=	16
Max	=	20

ⓗ
5-Number Summary		
Min	=	2
Q1	=	4
Median	=	12
Q3	=	18
Max	=	20