Name: _____

Creating Box Plots

Step 1 - Find 5-number summary (minimum, Q1, median, Q3, maximum).

Step 2 - Draw a number line labeled with an appropriate scale.

Step 3 - Draw a box plot above the number line.

ⓐ 11, 7, 18, 14, 19, 21, 12, 5, 2

Min	=	_____
Q1	=	_____
Median	=	_____
Q3	=	

Median	=	_____
Q3	=	_____
Max	=	_____

ⓒ 76, 71, 72, 66, 75, 72, 62, 69, 77

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

Creating Box Plots

ⓓ 36, 32, 42, 49, 53, 48, 24, 54, 53

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

ⓔ 28, 33, 45, 25, 40, 57, 48, 60, 78

ⓕ 28, 30, 26, 21, 26, 14, 31, 27, 2

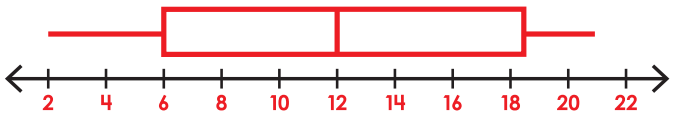
Min	=	_____
Q1	=	_____
Median	=	_____
Q3	=	_____
Max	=	_____

ANSWERS

Creating Box Plots

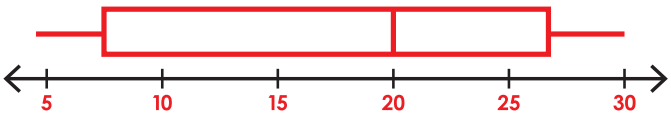
Note: Number line scales may vary, as long as they are reasonable (scale = what to count by).

ⓐ



Min	=	2
Q1	=	6
Median	=	12
Q3	=	18.5

ⓑ

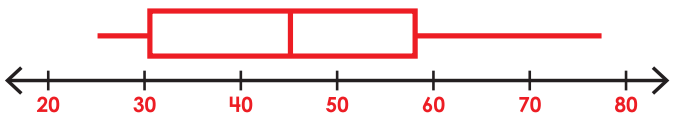


Min	=	4
Q1	=	7.5
Median	=	20
Q3	=	27

Min	=	62
Q1	=	67.5
Median	=	72
Q3	=	75.5
Max	=	77

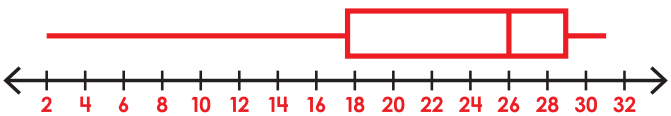
Min	=	24
Q1	=	34
Median	=	48
Q3	=	53
Max	=	54

ⓔ



Min	=	25
Q1	=	30.5
Median	=	45
Q3	=	58.5
Max	=	78

ⓕ



Min	=	2
Q1	=	17.5
Median	=	26
Q3	=	29
Max	=	31

KH