



Create box plots informally

1

5, 11, 11

5, 11, 11

A 8	B 10	C 5
D 13	E 11	F 16

2

List the values in the lower half of this data set.

11, 42, 49, 57, 60, 74, 83, 86

A 60, 74, 83, 86
B 11, 42, 49
C 11, 42, 49, 57, 60
D 11, 42, 49, 57

3

What is the third quartile (Q3) of this data set?

13, 19, 19, 29, 55, 59, 76, 82, 89, 93

A 57	B 82
C 19	D 50.5

4

What is the median (Q2) of this data set? The median of this data set is 48.

47, 36, 93, 26, 74, 43, 36, 77, 72, 49

A 74	B 36
C 55	D 48

5

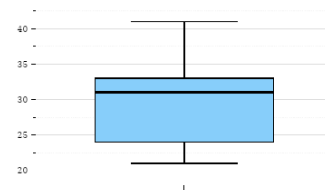
What is the interquartile range (IQR) of this data set?

23, 27, 30, 46, 62, 83, 86, 94

A 56	B 84.5
C 71	D 113

6

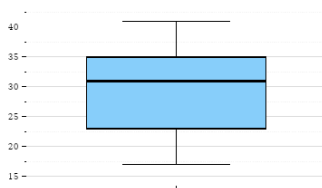
What is the first quartile (Q1) of this box plot?



A 21	B 24	C 31	D 33
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7

What is the interquartile range (IQR) of this box plot?



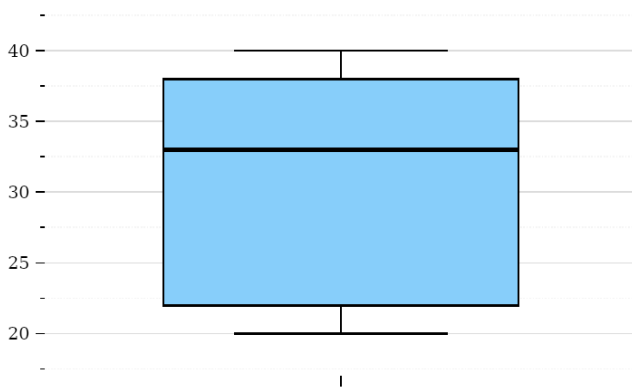
A 12	B 24	C 58	D 35
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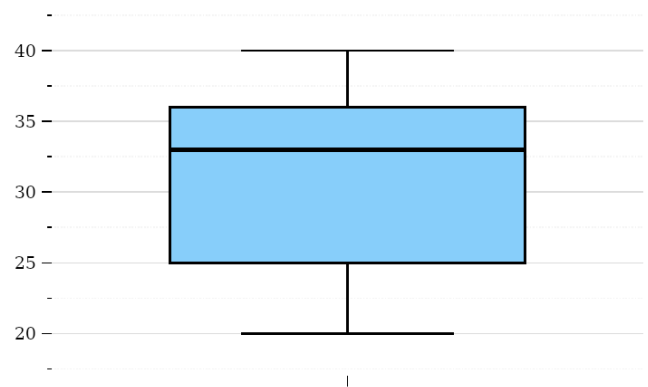
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- 8 Which box plot has this median, first quartile, and third quartile?
Median = 33, $Q_1 = 25$, $Q_3 = 36$

A

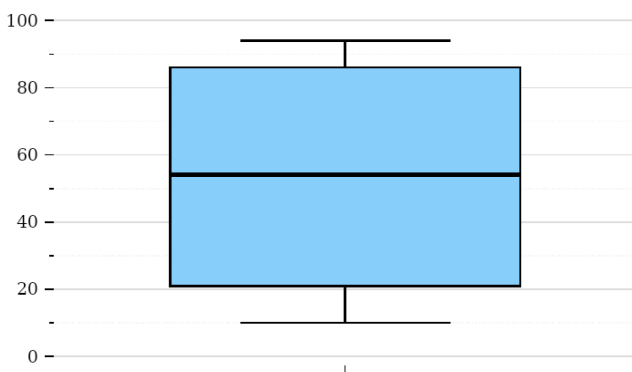


B

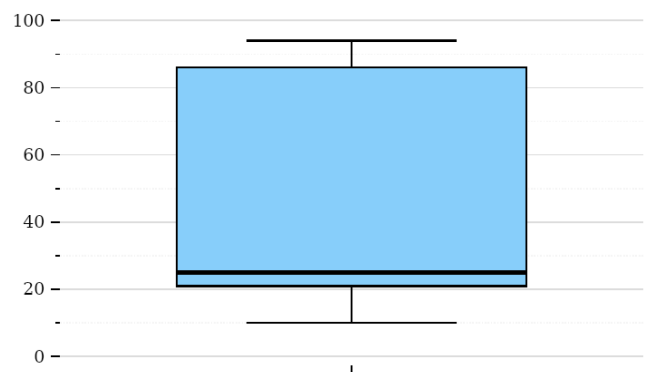


- 9 Which box plot represents this data set?
25, 25, 85, 21, 87, 10, 21, 94

A



B





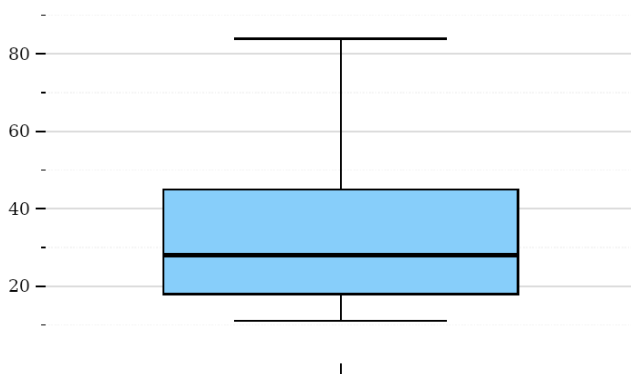
Create box plots informally

10

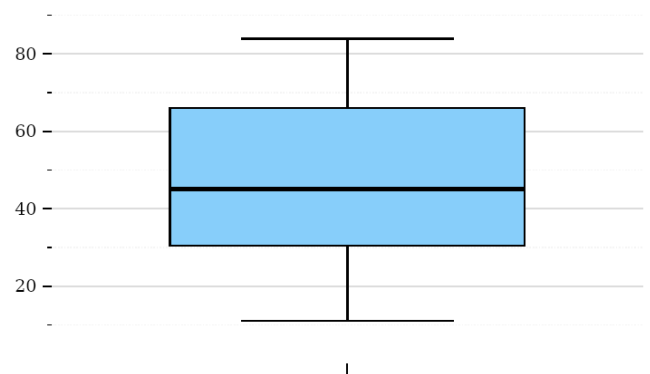
Which box plot represents this data set?

29, 36, 45, 32, 84, 11, 48, 84, 45

A



B

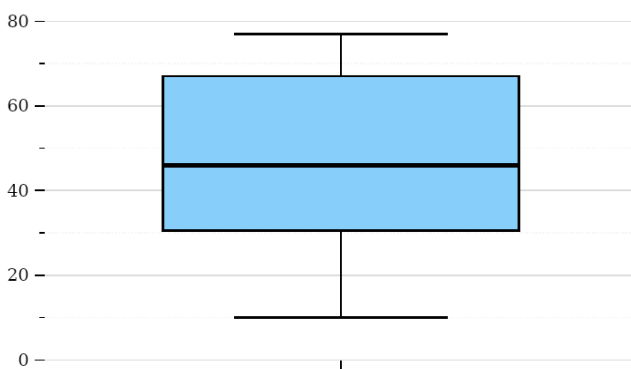


11

Which box plot represents this data set?

61, 21, 40, 10, 47, 77, 46, 42, 73

A



B

