

**Read five-number summaries informally****1**

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

11, 21, 23, 31, 33, 37, 38, 70, 79

A 33, 37, 38, 70, 79

B 38, 70, 79

C 37, 38, 70, 79

D 11, 21, 23, 31

2

What is the third quartile (Q3) of this data set? The median of this data set is 63.

66, 48, 40, 35, 17, 72, 77, 79, 60, 82

A
58.5

B
77

C
40

D
63

3

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

17, 18, 22, 28, 38, 61, 62, 63, 93, 94

A
77

B
85

C
63

D
41

4

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

64, 52, 43, 53, 41, 33, 62, 3

A 3, 33, 41, 43

B 43, 52, 53, 62, 64

C 52, 53, 62, 64

D 53, 62, 64

5

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

30, 48, 51, 51, 51, 51, 62, 63, 86

A
56

B
62.5

C
49.5

D
51

6

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

39, 42, 45, 45, 56, 57, 62, 63, 95

A
62.5

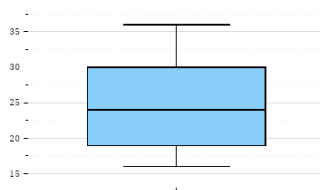
B
19

C
106

D
56

7

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



A 20

B 49

C 11

D 30



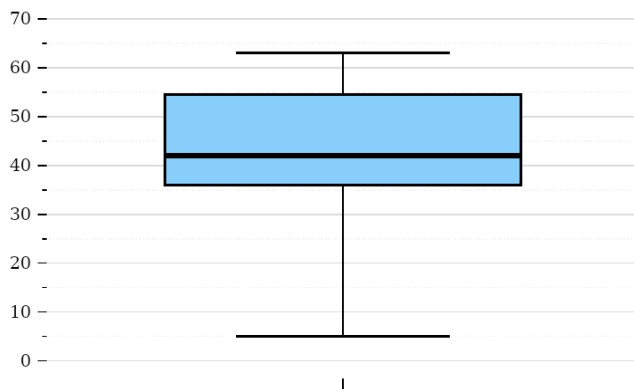
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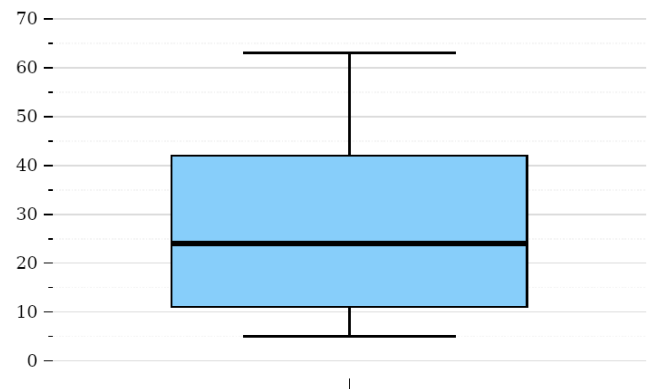
Which box plot represents this data set?

5, 36, 36, 38, 42, 42, 51, 58, 63

A



B

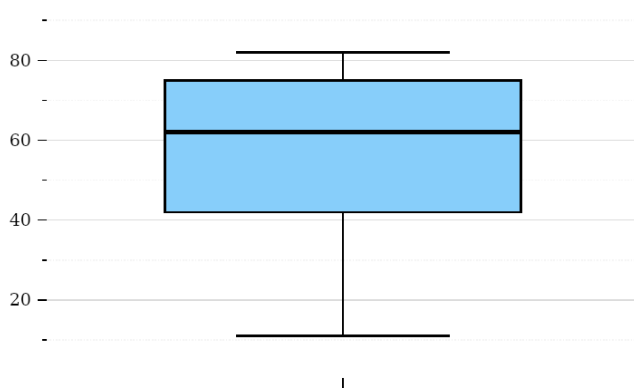


9

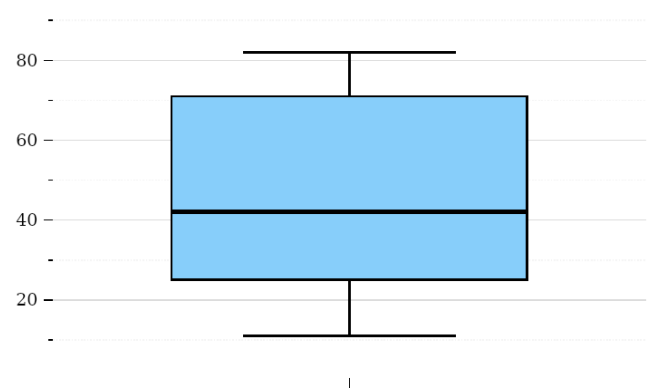
Which box plot represents this data set?

35, 11, 61, 43, 15, 82, 36, 42, 81

A



B





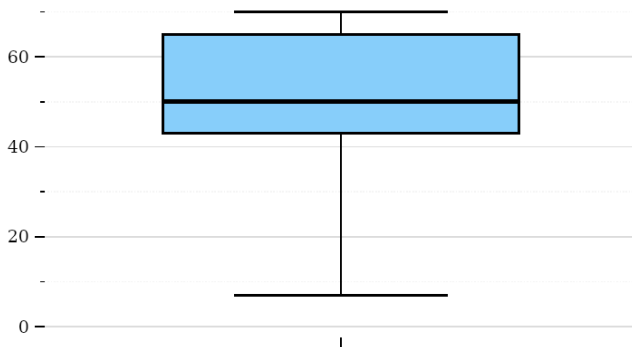
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10

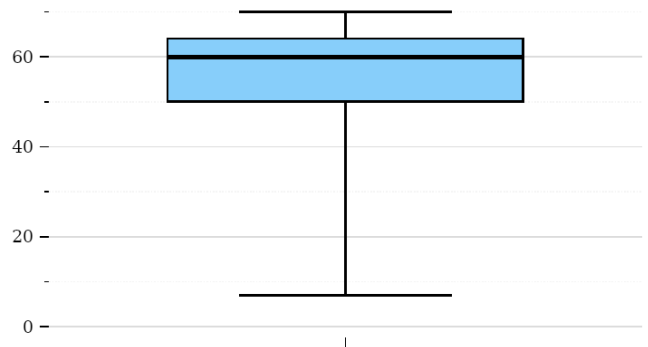
Which box plot represents this data set?

7, 38, 43, 47, 50, 50, 62, 65, 69, 70

A



B

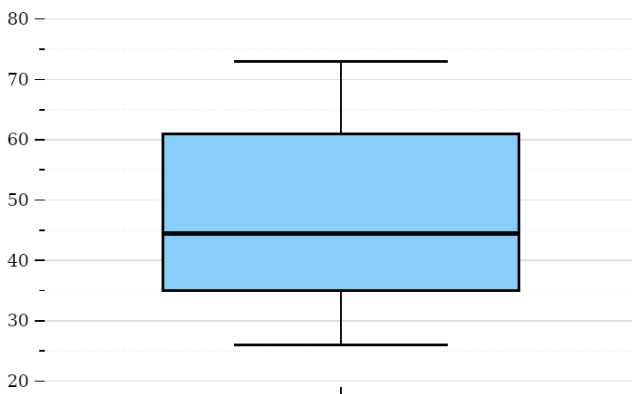


11

Which box plot represents this data set?

44, 45, 38, 26, 32, 51, 71, 73

A



B

