



Construct box-and-whisker plots

1

What is the median of this data set?

20, 34, 63, 83, 80, 38, 84, 84, 76

A

59.75

B

83.5

C

76

D

36

2

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

11, 15, 25, 34, 43, 44, 67, 71, 80, 84

A

11, 15, 25, 34, 43

B

67, 71, 80, 84

C

44, 67, 71, 80, 84

D

43, 44, 67, 71, 80, 84

3What is the first quartile (Q_1) of this data set? The median of this data set is 40.5.

22, 24, 33, 40, 41, 56, 66, 79

A

40.5

B

28.5

C

61

D

44.75

4What is the first quartile (Q_1) of this data set?

18, 41, 53, 60, 67, 68, 75, 78, 80, 81

A

67.5

B

53

C

65.5

D

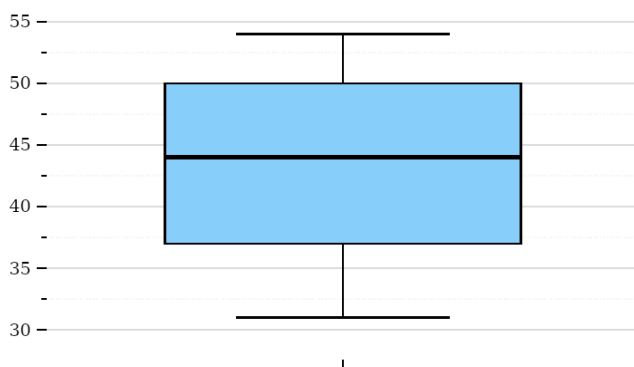
78

5

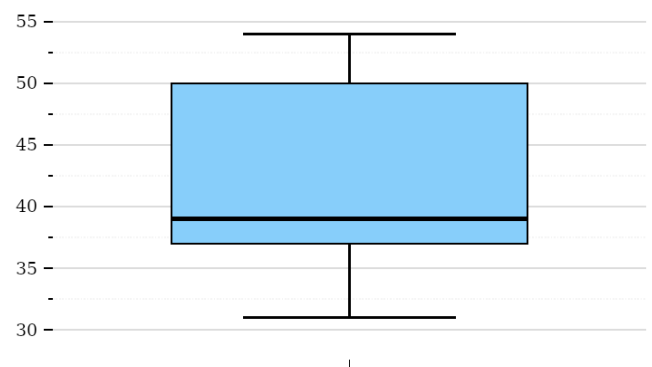
Which box plot has this median, first quartile, and third quartile?

Median = 39, $Q_1 = 37$, $Q_3 = 50$

A



B

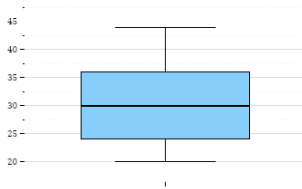




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What is the first quartile (Q1) of this box plot?



A 20

B 30

C 24

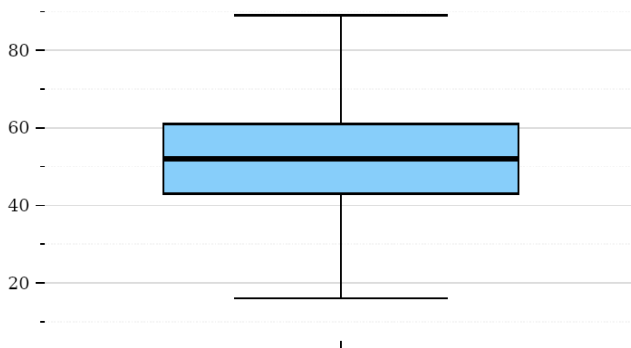
D 36

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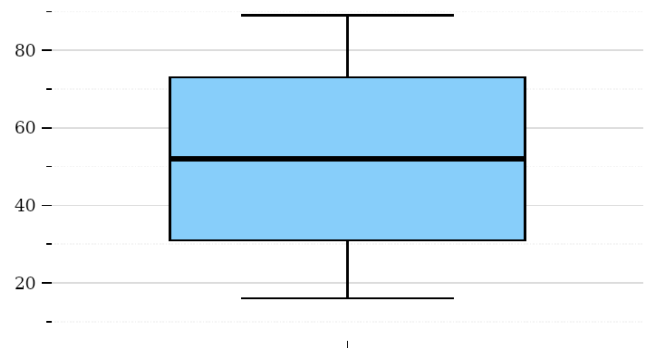
Which box plot represents this data set?

16, 30, 31, 37, 52, 52, 62, 73, 82, 89

A



B





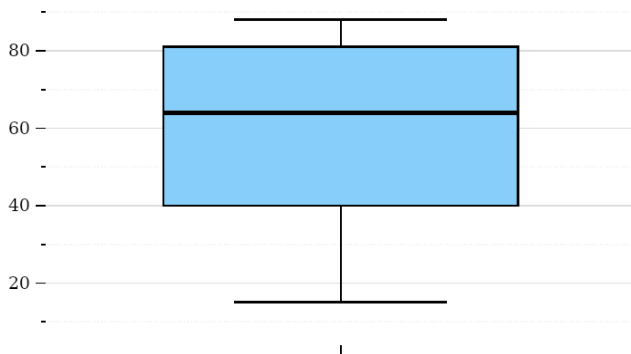
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8

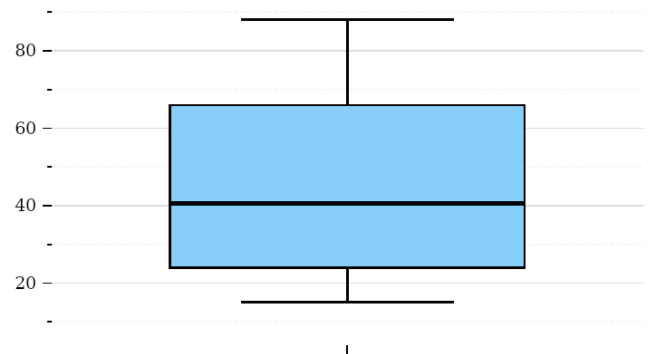
Which box plot represents this data set?

15, 18, 30, 34, 47, 66, 66, 88

A



B

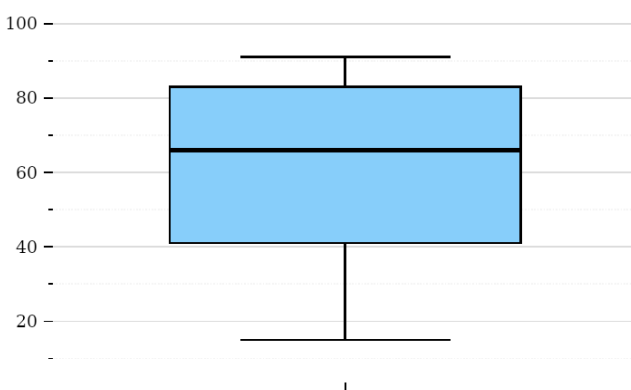


9

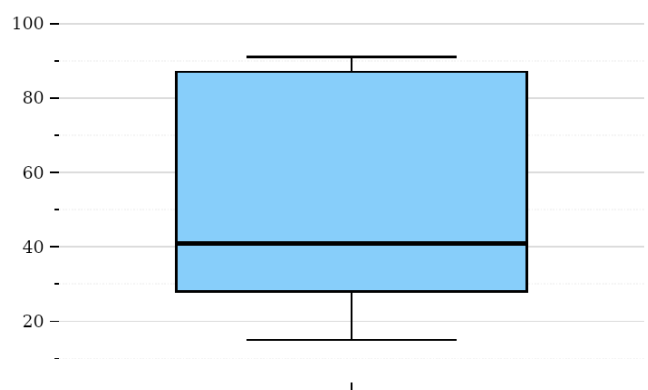
Which box plot represents this data set?

15, 17, 28, 28, 35, 47, 55, 87, 88, 91

A



B





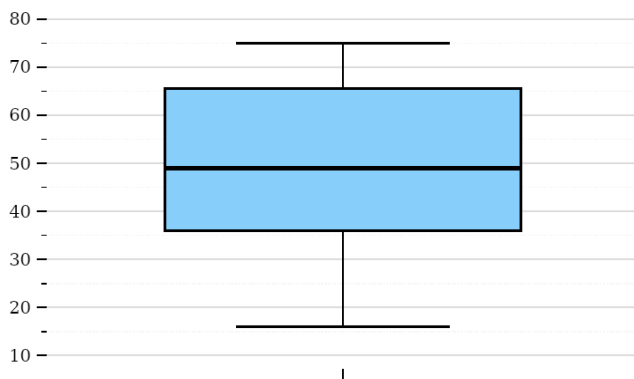
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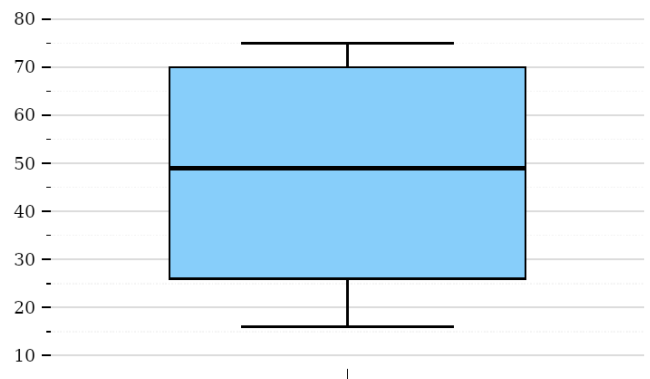
Which box plot represents this data set?

16, 25, 47, 48, 49, 55, 58, 73, 75

A



B

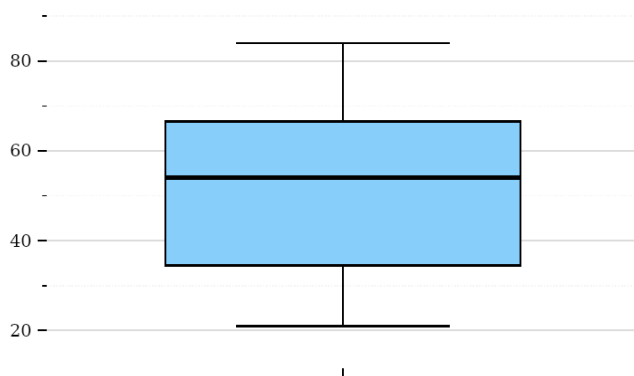


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Which box plot represents this data set?

21, 31, 38, 49, 59, 60, 73, 84

A



B

