



Identify outliers informally

1

What is the lower outlier boundary for this data set?

Median = 47, $Q_1 = 34$, $Q_3 = 48$

A

69

B

21

C

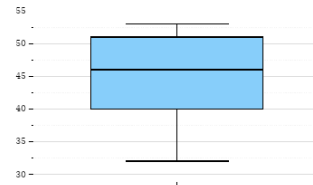
20

D

13

2

What is the lower outlier boundary for this box plot?



A

67.5

B

23.5

C

29

D

16.5

3

What is the lower outlier boundary for this data set?

44, 52, 54, 54, 62, 67, 73, 95

A

36

B

95.5

C

27.5

D

25.5

4

What is the lower outlier boundary for this data set?

21, 38, 38, 38, 39, 41, 52, 56

A

29.5

B

59.25

C

12.75

D

25.25

5

Would a value of 73 be an outlier for this data set?

Median = 48, $Q_1 = 37$, $Q_3 = 50$

A

No

B

Yes

6

Is the value 97 an outlier in this data set?

54, 29, 32, 30, 58, 45, 39, 97

A

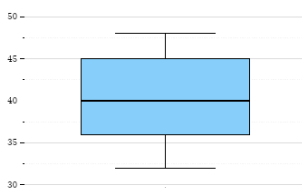
Yes

B

No

7

Would a value of 26 be an outlier for this box plot?



A

No

B

Yes

8

Is the value 95 an outlier in this data set?

30, 30, 33, 51, 35, 34, 50, 95, 61

A

Yes

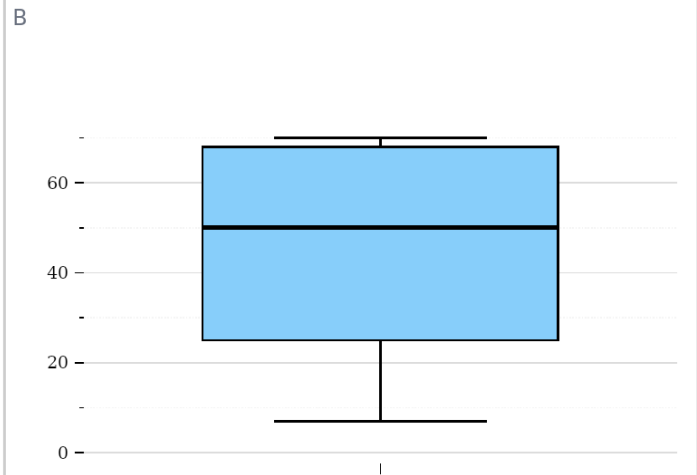
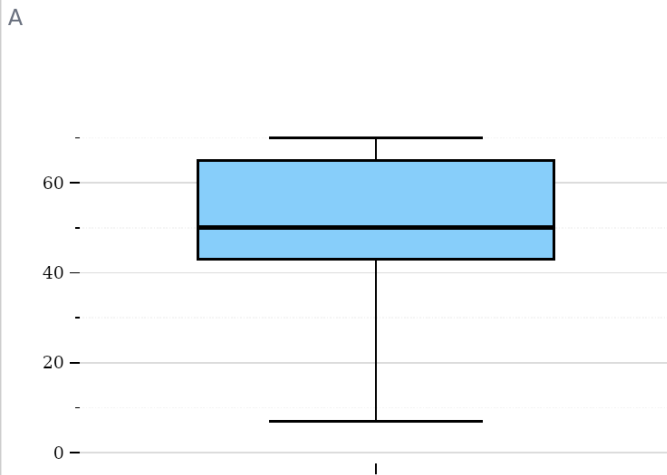
B

No



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- 9 Which box plot represents this data set?
7, 38, 43, 47, 50, 50, 62, 65, 69, 70



- 10 Which box plot represents this data set?
28, 30, 34, 34, 36, 41, 41, 58, 64, 98

