Interquartile Range (IQR) Practice

Find the median, quartiles and interquartile range for each of the following. Make sure that you show your method clearly.

a 5 8 9 9 4 5 6 9 3 6 4

b 12 14 12 17 19 21 23

c 4 5 12 14 15 17 14 3 18 19 18 19 14 4 15

d 3.1 2.4 5.1 2.3 2.5 4.2 3.4 6.1 4.8

e 13.2 14.8 19.6 14.5 16.7 18.9 14.5 13.7 17.0 21.8 12.0 16.5

Interquartile Range (IQR) Practice

Find the median, quartiles and interquartile range for each of the following. Make sure that you show your method clearly.

a) 5 8 9 9 4 5 6 9 3 6 4

Median = 6, Q1 = 4, Q3 = 9, IQR = 5

b) 12 14 12 17 19 21 23

Median = 17, Q1 = 12, Q3 = 21, IQR = 9

c) 4 5 12 14 15 17 14 3 18 19 18 19 14 4 15

Median = 14, Q1 = 5, Q3 = 18, IQR = 13

d) 3.1 2.4 5.1 2.3 2.5 4.2 3.4 6.1 4.8

Median = 3.4, Q1 = 2.45, Q3 = 4.95, IQR = 2.5

e) 13.2 14.8 19.6 14.5 16.7 18.9 14.5 13.7 17.0 21.8 12.0 16.5

Median = 15.65, Q1 = 13.9, Q3 = 18.42, IQR = 4.53

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