

P.I. A2.S.4: Calculate measures of dispersion (range, quartiles, interquartile range, standard deviation, variance) for both samples and populations

1. Find the interquartile range for the data below.

16, 17, 26, 30, 31, 33, 34, 35

[A] 13 [B] 12 [C] 30.5 [D] 25.5

2. Find the interquartile range for the data below.

14, 27, 27, 28, 30, 32, 32, 35

[A] 4 [B] 5 [C] 24.5 [D] 29

3. Find the interquartile range for the data below.

3, 4, 10, 20, 21, 26, 27, 28

4. Find the interquartile range for the data below.

6, 8, 12, 17, 19, 24, 29, 30

5. Find the interquartile range for the data below.

2, 5, 11, 16, 18, 23, 31, 32

Algebra 2 & Trigonometry Practice: Dispersion #2

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[1] B

[2] B

[3] interquartile range = 19.5

[4] interquartile range = 16.5

[5] interquartile range = 19