



QUARTILES

Name _____

Score _____

MM:16

Finding Quartile:

⇒ A Quartile divides data into a lower quartile, median or middle quartile, and upper quartile to form four groups.

Find the quartiles of these numbers.

3, 6, 5, 12, 8, 9, 10

Order the list: 3, 5, 6, 8, 9, 10, 12

3, 5, 6, 8, 9, 10, 12

Lower Quartile Q1 Middle Quartile Q2 Upper Quartile Q3

Q1 = 3

Q2 = 5

Q3 = 7

1) 12, 20, 32, 43, 28, 20

Order:

Q1 : _____

Q2 : _____

Q3 : _____

2) 4, 5, 2, 2, 6, 1, 7, 6, 8, 9

Order:

Q1 : _____

Q2 : _____

Q3 : _____

3) 24, 46, 57, 65, 56, 46, 35

Order:

Q1 : _____

Q2 : _____

Q3 : _____

4) 25, 15, 30, 35, 60, 65, 40

Order:

Q1 : _____

Q2 : _____

Q3 : _____

5) 44, 70, 21, 34, 74

Order:

Q1 : _____

Q2 : _____

Q3 : _____

6) 13, 15, 16, 10, 8, 5, 14

Order:

Q1 : _____

Q2 : _____

Q3 : _____



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Answer key

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3, 6, 5, 12, 8, 9, 10

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3, 5, 6, 8, 9, 10, 12

Lower Quartile Q1 Middle Quartile Q2 Upper Quartile Q3

Q1 = 3

Q2 = 5

Q3 = 7

1) 12, 20, 32, 43, 28, 20

Order: **12, 20, 20, 28, 32, 43**

Q1: 20

Q2: 24

Q3: 32

2) 4, 5, 2, 2, 6, 1, 7, 6, 8, 9

Order: **1, 2, 2, 4, 5, 6, 6, 7, 8, 9**

Q1: 2

Q2: 5.5

Q3: 7

3) 24, 46, 57, 65, 56, 46, 35

Order: **24, 35, 46, 46, 56, 57, 65**

Q1: 35

Q2: 46

Q3: 57

4) 25, 15, 30, 35, 60, 65, 40

Order: **15, 25, 30, 35, 40, 60, 65**

Q1: 25

Q2: 35

Q3: 60

5) 44, 70, 21, 34, 74

Order: **21, 34, 44, 70, 74**

Q1: 27.5

Q2: 44

Q3: 72

6) 13, 15, 16, 10, 8, 5, 14

Order: **5, 8, 10, 13, 14, 15, 16**

Q1: 8

Q2: 13

Q3: 15