



QUARTILES

Name _____

Score _____

MM:17

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.

12, 18, 20, 26, 14, 38

Order the list: 12, 14, 18, 20, 26, 38

Q1 = 14

12, 14, 18, 20, 26, 38

Q2 = 19

*Lower
Quartile*
Q1

*Middle
Quartile*
Q2

*Upper
Quartile*
Q3

Q3 = 26

1) 64, 75, 30, 37, 24

Order:

Q1 : _____

Q2 : _____

Q3 : _____

2) 16, 26, 36, 17, 27, 37

Order:

Q1 : _____

Q2 : _____

Q3 : _____

3) 7, 4, 8, 2, 9, 1, 2, 5, 9

Order:

Q1 : _____

Q2 : _____

Q3 : _____

4) 31, 43, 20, 15, 17, 19, 30

Order:

Q1 : _____

Q2 : _____

Q3 : _____

5) 24, 35, 46, 28, 47, 50

Order:

Q1 : _____

Q2 : _____

Q3 : _____

6) 91, 89, 80, 87, 87

Order:

Q1 : _____

Q2 : _____

Q3 : _____



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Answer key

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Finding Quartile:

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Find the quartiles of these numbers.

12, 18, 20, 26, 14, 38

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12, 14, 18, 20, 26, 38

Lower Quartile *Middle Quartile* *Upper Quartile*
Q1 Q2 Q3

Q1 = 14

Q2 = 19

Q3 = 26

1) 64, 75, 30, 37, 24

Order: **24, 30, 37, 64, 75**

Q1: 27

Q2: 37

Q3: 69.5

2) 16, 26, 36, 17, 27, 37

Order: **16, 17, 26, 27, 36, 37**

Q1: 17

Q2: 26.5

Q3: 36

3) 7, 4, 8, 2, 9, 1, 2, 5, 9

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

Q1: 2

Q2: 5

Q3: 8.5

4) 31, 43, 20, 15, 17, 19, 30

Order: **15, 17, 19, 20, 30, 31, 43**

Q1: 17

Q2: 20

Q3: 31

5) 24, 35, 46, 28, 47, 50

Order: **24, 28, 35, 46, 47, 50**

Q1: 28

Q2: 40.5

Q3: 47

6) 91, 89, 80, 87, 87

Order: **80, 87, 87, 89, 91**

Q1: 83.5

Q2: 87

Q3: 90