



QUARTILES

Name _____

Score _____

MM:18

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.

2, 3, 5, 1, 7, 8

Order the list: 1, 2, 3, 5, 7, 8

1, 2, 3, | 5, | 7, 8
Lower Middle Upper
Quartile Quartile Quartile
Q1 Q2 Q3

Q1 = 2

Q2 = 4

Q3 = 7

1) 20, 30, 40, 10, 50

Order:

Q1 : _____

Q2 : _____

Q3 : _____

2) 17, 18, 25, 36, 51, 40

Order:

Q1 : _____

Q2 : _____

Q3 : _____

3) 32, 45, 56, 43, 38

Order:

Q1 : _____

Q2 : _____

Q3 : _____

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

Order:

Q1 : _____

Q2 : _____

Q3 : _____

5) 22, 32, 42, 52, 21, 31, 41

Order:

Q1 : _____

Q2 : _____

Q3 : _____

6) 70, 80, 56, 12, 45

Order:

Q1 : _____

Q2 : _____

Q3 : _____



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Answer key

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1, 2, 3, | 5, | 7, 8
Lower Middle Upper
Quartile Quartile Quartile
Q1 Q2 Q3

Q1 = 2

Q2 = 4

Q3 = 7

1) 20, 30, 40, 10, 50

Order: **10, 20, 30, 40, 50**

Q1: 15

Q2: 30

Q3: 45

2) 17, 18, 25, 36, 51, 40

Order: **17, 18, 25, 36, 40, 51**

Q1: 18

Q2: 30.5

Q3: 40

3) 32, 45, 56, 43, 38

Order: **32, 38, 43, 45, 56**

Q1: 35

Q2: 43

Q3: 50.5

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

Order: **1, 6, 7, 8, 9, 9**

Q1: 6

Q2: 7.5

Q3: 9

5) 22, 32, 42, 52, 21, 31, 41

Order: **21, 22, 31, 32, 41, 42, 52**

Q1: 22

Q2: 32

Q3: 42

6) 70, 80, 56, 12, 45

Order: **12, 45, 56, 70, 80**

Q1: 28.5

Q2: 56

Q3: 75