



# 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,	4, 6,	7, 8	
<i>Lower Quartile</i>	<i>Middle Quartile</i>	<i>Upper Quartile</i>	
Q1	Q2	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

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
<i>Lower Quartile</i>	<i>Middle Quartile</i>	<i>Upper Quartile</i>			
<i>Q1</i>	<i>Q2</i>	<i>Q3</i>			

**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