

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

## Quartiles Worksheet

Find the first, second (median) and third quartiles.

Work Space

1) 14, 17.5, 13.5, 12, 16, 15.5

First quartile = \_\_\_\_\_

Second quartile = \_\_\_\_\_

Third quartile = \_\_\_\_\_

2) 63, 175, 239, 50, 12, 252, 192, 120

First quartile = \_\_\_\_\_

Second quartile = \_\_\_\_\_

Third quartile = \_\_\_\_\_

3) 92, 88, 65, 82, 92, 102, 82, 39

First quartile = \_\_\_\_\_

Second quartile = \_\_\_\_\_

Third quartile = \_\_\_\_\_

4) 51.9, 24.1, 32.5, 78.6, 64.5, 39.4

First quartile = \_\_\_\_\_

Second quartile = \_\_\_\_\_

Third quartile = \_\_\_\_\_

5) 21.1, 1.12, 11.2, 12.1, 2.11, 2.12, 1.21, 11.2

First quartile = \_\_\_\_\_

Second quartile = \_\_\_\_\_

Third quartile = \_\_\_\_\_

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### Answers

1) 14, 17.5, 13.5, 12, 16, 15.5

Answer:

First quartile = 13.5; second quartile = 14.75; third quartile = 16

2) 63, 175, 239, 50, 12, 252, 192, 120

Answer:

First quartile = 56.5; second quartile = 120; third quartile = 215.5

3) 92, 88, 65, 82, 92, 102, 82, 39

Answer:

First quartile = 73.5; second quartile = 85; third quartile = 92

4) 51.9, 24.1, 32.5, 78.6, 64.5, 39.4

Answer:

First quartile = 32.5; second quartile = 45.65; third quartile = 64.5

5) 21.1, 1.12, 11.2, 12.1, 2.11, 2.12, 1.21, 11.2

Answer:

First quartile = 1.66; second quartile = 6.66; third quartile = 11.65