



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 71, 41, 47, 69, 22, 79, 72, 54

42, 41, 47, 54, 69, 71, 72, 79

1) 82, 37, 39, 66, 72, 78, 67, 82

2) 83, 22, 63, 27, 30, 83, 56

3) 83, 93, 79, 44, 36, 47, 63, 99, 46, 29, 74

4) 28, 57, 42, 94, 22, 89, 88, 99

5) 46, 58, 63, 45, 69, 20, 77, 26

6) 4, 5, 8, 10, 5, 9, 2, 3, 1, 10

7) 23, 66, 68, 48, 56, 55, 84, 58, 55, 85

8) 5, 5, 10, 3, 10, 4, 1, 6

9) 37, 90, 76, 74, 65, 20, 80, 97

10) 8, 2, 7, 9, 7, 1, 5, 6, 6, 3

11) 8, 10, 3, 2, 7, 5, 4

12) 28, 40, 82, 65, 53, 51, 35, 90

**Answers**Ex. 44 61.5 71.5

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

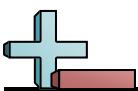
9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 71, 41, 47, 69, 22, 79, 72, 54

12, 41, 47, 54, 69, 71, 72, 79

1) 82, 37, 39, 66, 72, 78, 67, 82  
17, 39, 66, 67, 72, 78, 82, 82

2) 83, 22, 63, 27, 30, 83, 56  
22, 27, 30, 56, 63, 83, 83

3) 83, 93, 79, 44, 36, 47, 63, 99, 46, 29, 74  
19, 36, 44, 46, 47, 63, 74, 79, 83, 93, 99

4) 28, 57, 42, 94, 22, 89, 88, 99  
12, 28, 42, 57, 88, 89, 94, 99

5) 46, 58, 63, 45, 69, 20, 77, 26  
20, 26, 45, 46, 58, 63, 69, 77

6) 4, 5, 8, 10, 5, 9, 2, 3, 1, 10  
1, 2, 3, 4, 5, 5, 8, 9, 10, 10

7) 23, 66, 68, 48, 56, 55, 84, 58, 55, 85  
13, 48, 55, 55, 56, 58, 66, 68, 84, 85

8) 5, 5, 10, 3, 10, 4, 1, 6  
1, 3, 4, 5, 5, 6, 10, 10

9) 37, 90, 76, 74, 65, 20, 80, 97  
20, 37, 65, 74, 76, 80, 90, 97

10) 8, 2, 7, 9, 7, 1, 5, 6, 6, 3  
1, 2, 3, 5, 6, 6, 7, 7, 8, 9

11) 8, 10, 3, 2, 7, 5, 4  
1, 3, 4, 5, 7, 8, 10

12) 28, 40, 82, 65, 53, 51, 35, 90  
28, 35, 40, 51, 53, 65, 82, 90

### Answers

Ex. 44 61.5 71.5

1. 52.5 69.5 80

2. 27 56 83

3. 44 63 83

4. 35 72.5 91.5

5. 35.5 52 66

6. 3 5 9

7. 55 57 68

8. 3.5 5 8

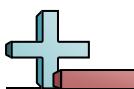
9. 51 75 85

10. 3 6 7

11. 3 5 8

12. 37.5 52 73.5

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 95 , 54 , 30 , 97 , 96 , 33 , 60

30 , 33 , 54 , 60 , 95 , 96 , 97

1) 10 , 6 , 4 , 2 , 2 , 3

2) 77 , 63 , 63 , 40 , 53 , 45 , 64

3) 96 , 84 , 85 , 39 , 91 , 47

4) 8 , 7 , 3 , 6 , 5 , 8 , 7 , 7

5) 25 , 61 , 90 , 61 , 66 , 55 , 47

6) 4 , 9 , 9 , 2 , 2 , 10 , 1 , 2 , 9

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

8) 71 , 61 , 65 , 41 , 46 , 47 , 65 , 50 , 22

9) 44 , 57 , 62 , 71 , 76 , 54 , 65 , 30 , 83

10) 90 , 27 , 57 , 74 , 43 , 64 , 60 , 81 , 27 , 88

11) 67 , 85 , 36 , 35 , 75 , 27 , 28 , 51 , 20 , 91

12) 79 , 37 , 43 , 49 , 84 , 42

**Answers**Ex. 33   60   96

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

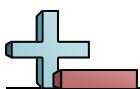
9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 95, 54, 30, 97, 96, 33, 60

**Ans.** 30, 33, 54, 60, 95, 96, 97

1) 10, 6, 4, 2, 2, 3  
1, 2, 3, 4, 6, 10

2) 77, 63, 63, 40, 53, 45, 64  
40, 45, 53, 63, 63, 64, 77

3) 96, 84, 85, 39, 91, 47  
39, 47, 84, 85, 91, 96

4) 8, 7, 3, 6, 5, 8, 7, 7  
3, 5, 6, 7, 7, 7, 8, 8

5) 25, 61, 90, 61, 66, 55, 47  
25, 47, 55, 61, 61, 66, 90

6) 4, 9, 9, 2, 2, 10, 1, 2, 9  
1, 2, 2, 2, 4, 9, 9, 9, 10

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

8) 71, 61, 65, 41, 46, 47, 65, 50, 22  
22, 41, 46, 47, 50, 61, 65, 65, 71

9) 44, 57, 62, 71, 76, 54, 65, 30, 83  
30, 44, 54, 57, 62, 65, 71, 76, 83

10) 90, 27, 57, 74, 43, 64, 60, 81, 27, 88  
17, 27, 43, 57, 60, 64, 74, 81, 88, 90

11) 67, 85, 36, 35, 75, 27, 28, 51, 20, 91  
20, 27, 28, 35, 36, 51, 67, 75, 85, 91

12) 79, 37, 43, 49, 84, 42  
37, 42, 43, 49, 79, 84

### Answers

Ex. **Ans.** 33    60    96

1. **Ans.** 2    3.5    6

2. **Ans.** 45    63    64

3. **Ans.** 47    84.5    91

4. **Ans.** 5.5    7    7.5

5. **Ans.** 47    61    66

6. **Ans.** 2    4    9

7. **Ans.** 2    4    8.5

8. **Ans.** 43.5    50    65

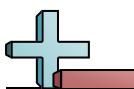
9. **Ans.** 49    62    73.5

10. **Ans.** 43    62    81

11. **Ans.** 28    43.5    75

12. **Ans.** 42    46    79

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

Ex) 82, 43, 43, 83, 70, 80, 20, 61, 54, 97

10, 43, 43, 54, 61, 70, 80, 82, 83, 97

**Answers**Ex. 43 65.5 82

1) 46, 51, 72, 94, 27, 81, 29, 50, 74, 80, 57

1. \_\_\_\_\_

2) 44, 42, 82, 23, 45, 53, 90, 66, 74, 86, 70, 85

2. \_\_\_\_\_

3) 34, 78, 78, 92, 48, 48, 50, 64, 77, 88

3. \_\_\_\_\_

4) 73, 79, 64, 84, 68, 64, 98, 21, 95, 41

4. \_\_\_\_\_

5) 10, 6, 8, 10, 8, 7, 10, 8, 1

5. \_\_\_\_\_

6) 73, 41, 38, 97, 87, 70, 88, 77, 33

6. \_\_\_\_\_

7) 37, 29, 41, 58, 24, 79, 85, 53, 34, 75

7. \_\_\_\_\_

8) 46, 96, 92, 81, 35, 63, 30, 22, 38, 45

8. \_\_\_\_\_

9) 9, 10, 2, 6, 6, 2, 10, 1

9. \_\_\_\_\_

10) 81, 80, 58, 64, 94, 57, 34, 41

10. \_\_\_\_\_

11) 6, 3, 1, 10, 8, 5, 6

11. \_\_\_\_\_

12) 87, 28, 34, 68, 36, 35, 77, 48, 32

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 82, 43, 43, 83, 70, 80, 20, 61, 54, 97

10, 43, 43, 54, 61, 70, 80, 82, 83, 97

1) 46, 51, 72, 94, 27, 81, 29, 50, 74, 80, 57  
17, 29, 46, 50, 51, 57, 72, 74, 80, 81, 94

2) 44, 42, 82, 23, 45, 53, 90, 66, 74, 86, 70, 85  
23, 42, 44, 45, 53, 66, 70, 74, 82, 85, 86, 90

3) 34, 78, 78, 92, 48, 48, 50, 64, 77, 88  
34, 48, 48, 50, 64, 77, 78, 78, 88, 92

4) 73, 79, 64, 84, 68, 64, 98, 21, 95, 41  
21, 41, 64, 64, 68, 73, 79, 84, 95, 98

5) 10, 6, 8, 10, 8, 7, 10, 8, 1  
1, 6, 7, 8, 8, 8, 10, 10, 10

6) 73, 41, 38, 97, 87, 70, 88, 77, 33  
33, 38, 41, 70, 73, 77, 87, 88, 97

7) 37, 29, 41, 58, 24, 79, 85, 53, 34, 75  
14, 29, 34, 37, 41, 53, 58, 75, 79, 85

8) 46, 96, 92, 81, 35, 63, 30, 22, 38, 45  
22, 30, 35, 38, 45, 46, 63, 81, 92, 96

9) 9, 10, 2, 6, 6, 2, 10, 1  
1, 2, 2, 6, 6, 9, 10, 10

10) 81, 80, 58, 64, 94, 57, 34, 41  
14, 41, 57, 58, 64, 80, 81, 94

11) 6, 3, 1, 10, 8, 5, 6  
1, 3, 5, 6, 6, 8, 10

12) 87, 28, 34, 68, 36, 35, 77, 48, 32  
28, 32, 34, 35, 36, 48, 68, 77, 87

### Answers

Ex. **43**   **65.5**   **82**

1. **46**   **57**   **80**

2. **44.5**   **68**   **83.5**

3. **48**   **70.5**   **78**

4. **64**   **70.5**   **84**

5. **6.5**   **8**   **10**

6. **39.5**   **73**   **87.5**

7. **34**   **47**   **75**

8. **35**   **45.5**   **81**

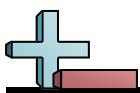
9. **2**   **6**   **9.5**

10. **49**   **61**   **80.5**

11. **3**   **6**   **8**

12. **33**   **36**   **72.5**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 36, 86, 97, 90, 29, 46, 35, 26, 87, 69  
6, 29, 35, 36, 46, 69, 86, 87, 90, 97

**Answers**Ex. 35 57.5 87

1) 37, 44, 24, 36, 94, 45, 97, 37, 90, 73

1. \_\_\_\_\_

2) 97, 65, 23, 64, 25, 53, 60, 68, 50, 33

2. \_\_\_\_\_

3) 65, 92, 85, 92, 83, 28, 31, 64, 43, 83, 79

3. \_\_\_\_\_

4) 1, 6, 6, 6, 10, 10

4. \_\_\_\_\_

5) 4, 4, 1, 9, 9, 5, 6, 8, 10, 6

5. \_\_\_\_\_

6) 10, 4, 7, 5, 3, 5, 1

6. \_\_\_\_\_

7) 27, 62, 42, 95, 95, 41, 46, 25

7. \_\_\_\_\_

8) 91, 27, 87, 45, 67, 55, 73

8. \_\_\_\_\_

9) 93, 99, 65, 65, 45, 27, 98, 34, 59, 59, 76

9. \_\_\_\_\_

10) 99, 77, 65, 69, 58, 26, 92, 82, 46

10. \_\_\_\_\_

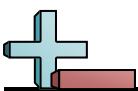
11) 72, 86, 95, 51, 26, 82, 62, 46, 83, 92, 51

11. \_\_\_\_\_

12) 52, 66, 38, 58, 81, 53, 46, 36, 98, 95, 98

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

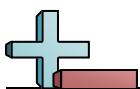
- Ex) 36, 86, 97, 90, 29, 46, 35, 26, 87, 69  
29, 35, 36, 46, 69, 86, 87, 90, 97

- 1) 37, 44, 24, 36, 94, 45, 97, 37, 90, 73  
37, 36, 37, 37, 44, 45, 73, 90, 94, 97
- 2) 97, 65, 23, 64, 25, 53, 60, 68, 50, 33  
23, 25, 33, 50, 53, 60, 64, 65, 68, 97
- 3) 65, 92, 85, 92, 83, 28, 31, 64, 43, 83, 79  
18, 31, 43, 64, 65, 79, 83, 83, 85, 92, 92
- 4) 1, 6, 6, 6, 10, 10  
1, 6, 6, 6, 10, 10
- 5) 4, 4, 1, 9, 9, 5, 6, 8, 10, 6  
1, 4, 4, 5, 6, 6, 8, 9, 9, 10
- 6) 10, 4, 7, 5, 3, 5, 1  
1, 3, 4, 5, 5, 7, 10
- 7) 27, 62, 42, 95, 95, 41, 46, 25  
15, 27, 41, 42, 46, 62, 95, 95
- 8) 91, 27, 87, 45, 67, 55, 73  
27, 45, 55, 67, 73, 87, 91
- 9) 93, 99, 65, 65, 45, 27, 98, 34, 59, 59, 76  
27, 34, 45, 59, 59, 65, 65, 76, 93, 98, 99
- 10) 99, 77, 65, 69, 58, 26, 92, 82, 46  
16, 46, 58, 65, 69, 77, 82, 92, 99
- 11) 72, 86, 95, 51, 26, 82, 62, 46, 83, 92, 51  
26, 46, 51, 51, 62, 72, 82, 83, 86, 92, 95
- 12) 52, 66, 38, 58, 81, 53, 46, 36, 98, 95, 98  
36, 38, 46, 52, 53, 58, 66, 81, 95, 98, 98

**Answers**

- |     |           |             |             |
|-----|-----------|-------------|-------------|
| Ex. | <b>35</b> | <b>57.5</b> | <b>87</b>   |
| 1.  | <b>37</b> | <b>44.5</b> | <b>90</b>   |
| 2.  | <b>33</b> | <b>56.5</b> | <b>65</b>   |
| 3.  | <b>43</b> | <b>79</b>   | <b>85</b>   |
| 4.  | <b>6</b>  | <b>6</b>    | <b>10</b>   |
| 5.  | <b>4</b>  | <b>6</b>    | <b>9</b>    |
| 6.  | <b>3</b>  | <b>5</b>    | <b>7</b>    |
| 7.  | <b>34</b> | <b>44</b>   | <b>78.5</b> |
| 8.  | <b>45</b> | <b>67</b>   | <b>87</b>   |
| 9.  | <b>45</b> | <b>65</b>   | <b>93</b>   |
| 10. | <b>52</b> | <b>69</b>   | <b>87</b>   |
| 11. | <b>51</b> | <b>72</b>   | <b>86</b>   |
| 12. | <b>46</b> | <b>58</b>   | <b>95</b>   |

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 56, 65, 72, 34, 31, 79

1, 34, 56, 65, 72, 79

1) 44, 34, 79, 70, 26, 87, 30, 73, 94, 24, 32

2) 5, 4, 2, 1, 10, 9

3) 44, 76, 64, 26, 85, 32, 51, 73, 98

4) 5, 7, 3, 3, 6, 6, 10, 4, 2

5) 6, 8, 1, 3, 6, 3, 1, 8

6) 69, 26, 29, 51, 33, 44, 24

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

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

9) 3, 3, 5, 4, 7, 3

10) 74, 32, 92, 21, 22, 60, 62, 88, 79

11) 6, 6, 1, 7, 6, 5, 10, 3

12) 7, 2, 2, 9, 4, 2, 8, 4

**Answers**Ex. 34 60.5 72

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

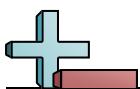
9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 56, 65, 72, 34, 31, 79

1, 34, 56, 65, 72, 79

**1)** 44, 34, 79, 70, 26, 87, 30, 73, 94, 24, 32  
14, 26, 30, 32, 34, 44, 70, 73, 79, 87, 94

**2)** 5, 4, 2, 1, 10, 9  
1, 2, 4, 5, 9, 10

**3)** 44, 76, 64, 26, 85, 32, 51, 73, 98  
16, 32, 44, 51, 64, 73, 76, 85, 98

**4)** 5, 7, 3, 3, 6, 6, 10, 4, 2  
1, 3, 3, 4, 5, 6, 6, 7, 10

**5)** 6, 8, 1, 3, 6, 3, 1, 8  
1, 1, 3, 3, 6, 6, 8, 8

**6)** 69, 26, 29, 51, 33, 44, 24  
14, 26, 29, 33, 44, 51, 69

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

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

**9)** 3, 3, 5, 4, 7, 3  
3, 3, 3, 4, 5, 7

**10)** 74, 32, 92, 21, 22, 60, 62, 88, 79  
11, 22, 32, 60, 62, 74, 79, 88, 92

**11)** 6, 6, 1, 7, 6, 5, 10, 3  
1, 3, 5, 6, 6, 6, 7, 10

**12)** 7, 2, 2, 9, 4, 2, 8, 4  
1, 2, 2, 4, 4, 7, 8, 9

### Answers

Ex. 34 60.5 72

1. 30 44 79

2. 2 4.5 9

3. 38 64 80.5

4. 3 5 6.5

5. 2 4.5 7

6. 26 33 51

7. 1 4 6

8. 2.5 4 7.5

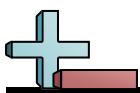
9. 3 3.5 5

10. 27 62 83.5

11. 4 6 6.5

12. 2 4 7.5

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 56, 37, 94, 42, 40, 71, 22, 45

12, 37, 40, 42, 45, 56, 71, 94

**Answers**Ex. 38.5 43.5 63.5

1) 51, 97, 87, 57, 69, 25, 50, 26, 56, 95, 49

1. \_\_\_\_\_

2) 4, 2, 8, 2, 2, 6, 7, 10

2. \_\_\_\_\_

3) 71, 35, 56, 96, 76, 50, 37, 74, 89, 85

3. \_\_\_\_\_

4) 3, 1, 1, 3, 1, 1

4. \_\_\_\_\_

5) 55, 61, 34, 70, 54, 98, 88, 67, 99

5. \_\_\_\_\_

6) 48, 58, 46, 94, 40, 62

6. \_\_\_\_\_

7) 10, 9, 2, 4, 9, 10, 9

7. \_\_\_\_\_

8) 81, 70, 27, 96, 47, 57

8. \_\_\_\_\_

9) 30, 45, 68, 83, 94, 71, 62, 69, 68, 44, 73

9. \_\_\_\_\_

10) 8, 7, 5, 9, 6, 2

10. \_\_\_\_\_

11) 44, 67, 53, 30, 62, 53, 75

11. \_\_\_\_\_

12) 80, 27, 67, 91, 51, 94, 45, 85, 66

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 56, 37, 94, 42, 40, 71, 22, 45

12, 37, 40, 42, 45, 56, 71, 94

1) 51, 97, 87, 57, 69, 25, 50, 26, 56, 95, 49  
15, 26, 49, 50, 51, 56, 57, 69, 87, 95, 97

2) 4, 2, 8, 2, 2, 6, 7, 10  
1, 2, 2, 4, 6, 7, 8, 10

3) 71, 35, 56, 96, 76, 50, 37, 74, 89, 85  
15, 37, 50, 56, 71, 74, 76, 85, 89, 96

4) 3, 1, 1, 3, 1, 1  
1, 1, 1, 1, 3, 3

5) 55, 61, 34, 70, 54, 98, 88, 67, 99  
14, 54, 55, 61, 67, 70, 88, 98, 99

6) 48, 58, 46, 94, 40, 62  
40, 46, 48, 58, 62, 94

7) 10, 9, 2, 4, 9, 10, 9  
1, 4, 9, 9, 9, 10, 10

8) 81, 70, 27, 96, 47, 57  
27, 47, 57, 70, 81, 96

9) 30, 45, 68, 83, 94, 71, 62, 69, 68, 44, 73  
30, 44, 45, 62, 68, 68, 69, 71, 73, 83, 94

10) 8, 7, 5, 9, 6, 2  
1, 5, 6, 7, 8, 9

11) 44, 67, 53, 30, 62, 53, 75  
30, 44, 53, 53, 62, 67, 75

12) 80, 27, 67, 91, 51, 94, 45, 85, 66  
27, 45, 51, 66, 67, 80, 85, 91, 94

### Answers

Ex. **38.5** **43.5** **63.5**

1. **49** **56** **87**

2. **2** **5** **7.5**

3. **50** **72.5** **85**

4. **1** **1** **3**

5. **54.5** **67** **93**

6. **46** **53** **62**

7. **4** **9** **10**

8. **47** **63.5** **81**

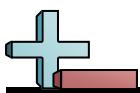
9. **45** **68** **73**

10. **5** **6.5** **8**

11. **44** **53** **67**

12. **48** **67** **88**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 61, 24, 45, 79, 98, 70, 22, 77, 42, 98  
12, 24, 42, 45, 61, 70, 77, 79, 98, 98**Answers**Ex. 42 65.5 79

1) 85, 78, 28, 29, 57, 79, 94, 49, 45

1. \_\_\_\_\_

2) 6, 4, 7, 9, 1, 3

2. \_\_\_\_\_

3) 10, 2, 1, 1, 6, 2, 6

3. \_\_\_\_\_

4) 10, 3, 1, 7, 8, 8, 6

4. \_\_\_\_\_

5) 98, 21, 72, 59, 61, 61, 22, 49, 49, 46

5. \_\_\_\_\_

6) 33, 65, 53, 39, 87, 22, 98, 65, 20, 40, 90

6. \_\_\_\_\_

7) 9, 7, 9, 10, 6, 10, 9, 4

7. \_\_\_\_\_

8) 28, 59, 67, 48, 95, 51, 84, 55, 55, 98, 47, 41, 73

8. \_\_\_\_\_

9) 35, 84, 52, 24, 55, 51, 93, 79, 95, 87, 45

9. \_\_\_\_\_

10) 90, 37, 34, 32, 30, 96, 39, 80, 71, 41

10. \_\_\_\_\_

11) 22, 59, 56, 32, 31, 46, 44

11. \_\_\_\_\_

12) 7, 3, 4, 2, 3, 5, 1, 2

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

- Ex) 61, 24, 45, 79, 98, 70, 22, 77, 42, 98  
12, 24, 42, 45, 61, 70, 77, 79, 98, 98

1) 85, 78, 28, 29, 57, 79, 94, 49, 45  
18, 29, 45, 49, 57, 78, 79, 85, 94

2) 6, 4, 7, 9, 1, 3  
1, 3, 4, 6, 7, 9

3) 10, 2, 1, 1, 6, 2, 6  
1, 1, 2, 2, 6, 6, 10

4) 10, 3, 1, 7, 8, 8, 6  
1, 3, 6, 7, 8, 8, 10

5) 98, 21, 72, 59, 61, 61, 22, 49, 49, 46  
1, 22, 46, 49, 49, 59, 61, 61, 72, 98

6) 33, 65, 53, 39, 87, 22, 98, 65, 20, 40, 90  
10, 22, 33, 39, 40, 53, 65, 65, 87, 90, 98

7) 9, 7, 9, 10, 6, 10, 9, 4  
1, 6, 7, 9, 9, 9, 10, 10

8) 28, 59, 67, 48, 95, 51, 84, 55, 55, 98, 47, 41, 73  
18, 41, 47, 48, 51, 55, 55, 59, 67, 73, 84, 95, 98

9) 35, 84, 52, 24, 55, 51, 93, 79, 95, 87, 45  
14, 35, 45, 51, 52, 55, 79, 84, 87, 93, 95

10) 90, 37, 34, 32, 30, 96, 39, 80, 71, 41  
10, 32, 34, 37, 39, 41, 71, 80, 90, 96

11) 22, 59, 56, 32, 31, 46, 44  
12, 31, 32, 44, 46, 56, 59

12) 7, 3, 4, 2, 3, 5, 1, 2  
1, 2, 2, 3, 3, 4, 5, 7

### Answers

Ex. 42 65.5 79

1. 37 57 82

2. 3 5 7

3. 1 2 6

4. 3 7 8

5. 46 54 61

6. 33 53 87

7. 6.5 9 9.5

8. 47.5 55 78.5

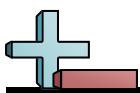
9. 45 55 87

10. 34 40 80

11. 31 44 56

12. 2 3 4.5

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 21, 70, 82, 45, 46, 94, 68, 85, 27

1, 27, 45, 46, 68, 70, 82, 85, 94

1) 88, 26, 33, 33, 60, 25, 34

2) 2, 10, 6, 3, 10, 6, 6, 7

3) 51, 78, 47, 71, 28, 35, 43, 92

4) 76, 94, 44, 83, 43, 85, 73, 54

5) 25, 66, 61, 86, 56, 25, 26, 60, 86

6) 5, 1, 10, 7, 5, 2, 3, 1, 1

7) 31, 68, 59, 55, 98, 72, 24, 79

8) 32, 72, 65, 67, 24, 82, 21, 23

9) 60, 28, 67, 88, 52, 31, 74, 31

10) 92, 29, 42, 42, 53, 85, 66, 59, 37, 38, 43, 46

11) 35, 67, 76, 54, 91, 38, 28

12) 68, 39, 66, 48, 24, 85, 34, 58, 85, 48, 47

**Answers**Ex. **36    68    83.5**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

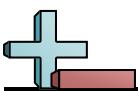
9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 21, 70, 82, 45, 46, 94, 68, 85, 27

1, 27, 45, 46, 68, 70, 82, 85, 94

**1)** 88, 26, 33, 33, 60, 25, 34

15, 26, 33, 33, 34, 60, 88

**2)** 2, 10, 6, 3, 10, 6, 6, 7

1, 3, 6, 6, 6, 7, 10, 10

**3)** 51, 78, 47, 71, 28, 35, 43, 92

18, 35, 43, 47, 51, 71, 78, 92

**4)** 76, 94, 44, 83, 43, 85, 73, 54

13, 44, 54, 73, 76, 83, 85, 94

**5)** 25, 66, 61, 86, 56, 25, 26, 60, 86

15, 25, 26, 56, 60, 61, 66, 86, 86

**6)** 5, 1, 10, 7, 5, 2, 3, 1, 1

1, 1, 1, 2, 3, 5, 5, 7, 10

**7)** 31, 68, 59, 55, 98, 72, 24, 79

14, 31, 55, 59, 68, 72, 79, 98

**8)** 32, 72, 65, 67, 24, 82, 21, 23

21, 23, 24, 32, 65, 67, 72, 82

**9)** 60, 28, 67, 88, 52, 31, 74, 31

18, 31, 31, 52, 60, 67, 74, 88

**10)** 92, 29, 42, 42, 53, 85, 66, 59, 37, 38, 43, 46

19, 37, 38, 42, 42, 43, 46, 53, 59, 66, 85, 92

**11)** 35, 67, 76, 54, 91, 38, 28

18, 35, 38, 54, 67, 76, 91

**12)** 68, 39, 66, 48, 24, 85, 34, 58, 85, 48, 47

24, 34, 39, 47, 48, 48, 58, 66, 68, 85, 85

### Answers

Ex. **36**   **68**   **83.5**

1. **26**   **33**   **60**

2. **4.5**   **6**   **8.5**

3. **39**   **49**   **74.5**

4. **49**   **74.5**   **84**

5. **25.5**   **60**   **76**

6. **1**   **3**   **6**

7. **43**   **63.5**   **75.5**

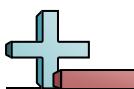
8. **23.5**   **48.5**   **69.5**

9. **31**   **56**   **70.5**

10. **40**   **44.5**   **62.5**

11. **35**   **54**   **76**

12. **39**   **48**   **68**



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 36, 77, 60, 47, 75, 64, 24, 27, 38, 32  
4, 27, 32, 36, 38, 47, 60, 64, 75, 77**Answers**Ex. 32 42.5 64

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

1. \_\_\_\_\_

2) 34, 66, 26, 31, 38, 78, 42, 74

2. \_\_\_\_\_

3) 52, 49, 45, 36, 87, 64, 81, 93, 53

3. \_\_\_\_\_

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

4. \_\_\_\_\_

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

5. \_\_\_\_\_

6) 93, 69, 40, 27, 24, 25, 76, 33, 61, 34, 74, 56

6. \_\_\_\_\_

7) 21, 77, 56, 89, 26, 42, 76, 45, 77, 21, 58

7. \_\_\_\_\_

8) 91, 35, 60, 29, 96, 49, 33, 87, 25

8. \_\_\_\_\_

9) 70, 75, 45, 46, 21, 23, 96, 96, 80, 73, 98

9. \_\_\_\_\_

10) 73, 84, 66, 73, 76, 83, 93

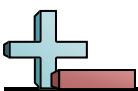
10. \_\_\_\_\_

11) 9, 8, 5, 5, 1, 6, 5, 3

11. \_\_\_\_\_

12) 54, 60, 76, 74, 56, 97, 76, 93, 36

12. \_\_\_\_\_



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 36, 77, 60, 47, 75, 64, 24, 27, 38, 32

14, 27, 32, 36, 38, 47, 60, 64, 75, 77

1) 4, 1, 3, 2, 7, 9  
|, 2, 3, 4, 7, 9

2) 34, 66, 26, 31, 38, 78, 42, 74  
|26, 31, 34, 38, 42, 66, 74, 78

3) 52, 49, 45, 36, 87, 64, 81, 93, 53  
|36, 45, 49, 52, 53, 64, 81, 87, 93

4) 4, 8, 9, 4, 7, 2, 1, 9  
|, 2, 4, 4, 7, 8, 9, 9

5) 9, 7, 4, 6, 1, 4, 1  
|, 1, 4, 4, 6, 7, 9

6) 93, 69, 40, 27, 24, 25, 76, 33, 61, 34, 74, 56  
|24, 25, 27, 33, 34, 40, 56, 61, 69, 74, 76, 93

7) 21, 77, 56, 89, 26, 42, 76, 45, 77, 21, 58  
|21, 21, 26, 42, 45, 56, 58, 76, 77, 77, 89

8) 91, 35, 60, 29, 96, 49, 33, 87, 25  
|25, 29, 33, 35, 49, 60, 87, 91, 96

9) 70, 75, 45, 46, 21, 23, 96, 96, 80, 73, 98  
|21, 23, 45, 46, 70, 73, 75, 80, 96, 96, 98

10) 73, 84, 66, 73, 76, 83, 93  
|6, 73, 73, 76, 83, 84, 93

11) 9, 8, 5, 5, 1, 6, 5, 3  
|, 3, 5, 5, 5, 6, 8, 9

12) 54, 60, 76, 74, 56, 97, 76, 93, 36  
|36, 54, 56, 60, 74, 76, 76, 93, 97

### Answers

Ex. 32 42.5 64

1. 2 3.5 7

2. 32.5 40 70

3. 47 53 84

4. 3 5.5 8.5

5. 1 4 7

6. 30 48 71.5

7. 26 56 77

8. 31 49 89

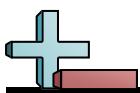
9. 45 73 96

10. 73 76 84

11. 4 5 7

12. 55 74 84.5

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Finding Quartiles

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

**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.****Ex)** 74, 67, 27, 68, 95, 57

7, 57, 67, 68, 74, 95

1) 98, 41, 62, 93, 21, 22, 41, 40, 59, 44, 34, 24, 47

2) 40, 66, 43, 41, 77, 41, 67, 84, 54

3) 3, 5, 7, 5, 4, 2, 7, 2

4) 56, 42, 98, 58, 49, 28, 88, 60

5) 5, 1, 4, 5, 5, 7

6) 6, 3, 10, 1, 7, 8, 3

7) 75, 28, 82, 28, 28, 90, 64, 72, 63, 22, 73

8) 58, 84, 39, 38, 55, 35, 36, 60, 54

9) 49, 51, 78, 30, 53, 90, 87, 38

10) 61, 93, 25, 57, 94, 70, 25, 40, 62, 66, 98, 57, 88, 49

11) 57, 66, 40, 37, 37, 82, 53, 74, 99, 47, 46

12) 79, 26, 51, 55, 90, 85, 21, 57

**Answers**Ex. 57 67.5 74

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

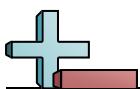
9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



**Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.**

**Ex)** 74, 67, 27, 68, 95, 57

7, 57, 67, 68, 74, 95

**1)** 98, 41, 62, 93, 21, 22, 41, 40, 59, 44, 34, 24, 47  
1, 22, 24, 34, 40, 41, 41, 44, 47, 59, 62, 93, 98

**2)** 40, 66, 43, 41, 77, 41, 67, 84, 54  
40, 41, 41, 43, 54, 66, 67, 77, 84

**3)** 3, 5, 7, 5, 4, 2, 7, 2  
1, 2, 3, 4, 5, 5, 7, 7

**4)** 56, 42, 98, 58, 49, 28, 88, 60  
18, 42, 49, 56, 58, 60, 88, 98

**5)** 5, 1, 4, 5, 5, 7  
1, 4, 5, 5, 5, 7

**6)** 6, 3, 10, 1, 7, 8, 3  
1, 3, 3, 6, 7, 8, 10

**7)** 75, 28, 82, 28, 28, 90, 64, 72, 63, 22, 73  
12, 28, 28, 28, 63, 64, 72, 73, 75, 82, 90

**8)** 58, 84, 39, 38, 55, 35, 36, 60, 54  
15, 36, 38, 39, 54, 55, 58, 60, 84

**9)** 49, 51, 78, 30, 53, 90, 87, 38  
30, 38, 49, 51, 53, 78, 87, 90

**10)** 61, 93, 25, 57, 94, 70, 25, 40, 62, 66, 98, 57, 88, 49  
15, 25, 40, 49, 57, 57, 61, 62, 66, 70, 88, 93, 94, 98

**11)** 57, 66, 40, 37, 37, 82, 53, 74, 99, 47, 46  
17, 37, 40, 46, 47, 53, 57, 66, 74, 82, 99

**12)** 79, 26, 51, 55, 90, 85, 21, 57  
21, 26, 51, 55, 57, 79, 85, 90

### Answers

Ex. **57** **67.5** **74**

1. **29** **41** **60.5**

2. **41** **54** **72**

3. **2.5** **4.5** **6**

4. **45.5** **57** **74**

5. **4** **5** **5**

6. **3** **6** **8**

7. **28** **64** **75**

8. **37** **54** **59**

9. **43.5** **52** **82.5**

10. **49** **61.5** **88**

11. **40** **53** **74**

12. **38.5** **56** **82**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								