Name: _____

Five-Number Summary and Box Plots

Order each data set. Find the minimum, first quartile, median, third quartile and maximum.

1. Data: 55, 47, 27, 10, 20, 14, 7, 42, 19, 28, 5. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

2. Data: 45, 19, 30, 46, 35, 58, 22. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

3. Data: 54, 30, 6, 23, 35, 12, 51. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

4. Data: 23, 45, 51, 32, 44, 43, 35, 19, 47, 57, 38. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

5. Data: 29, 26, 45, 10, 46, 52, 26, 59, 55, 57, 52. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

6. Data: 30, 51, 30, 21, 55, 5, 19. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

7. Data: 37, 57, 19, 31, 59, 48, 28. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

8. Data: 42, 9, 37, 59, 48, 5, 17, 40, 10, 39, 38. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: _____

Name: **ANSWER KEY**

Five-Number Summary and Box Plots

Order each data set. Find the minimum, first quartile, median, third quartile and maximum.

1. Data: 55, 47, 27, 10, 20, 14, 7, 42, 19, 28, 5. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 5, 10, 20, 42, 55

2. Data: 45, 19, 30, 46, 35, 58, 22. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 19, 22, 35, 46, 58

3. Data: 54, 30, 6, 23, 35, 12, 51. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 6, 12, 30, 51, 54

4. Data: 23, 45, 51, 32, 44, 43, 35, 19, 47, 57, 38. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 19, 32, 43, 47, 57

5. Data: 29, 26, 45, 10, 46, 52, 26, 59, 55, 57, 52. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 10, 26, 46, 55, 59

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   Min, Q1, Med, Q3, Max: 5, 19, 30, 51, 55

7. Data: 37, 57, 19, 31, 59, 48, 28. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 19, 28, 37, 57, 59

8. Data: 42, 9, 37, 59, 48, 5, 17, 40, 10, 39, 38. Find the five-number summary (minimum, Q1, median, Q3, maximum).

   Min, Q1, Med, Q3, Max: 5, 10, 38, 42, 59