

Name:

Due Date:

Teacher:

Parent Sign:

Answers

1. 4
2. 10
3. 5
4. 10
5. 1 and 12
6. 12
7. 2
8. 2
9. 50% (one half)
10. Range = 4; IQR = 2
11. min = 3; Q1 = 5; median = 7.5; Q3 = 12; max = 14; IQR = 7
12. min = 3; Q1 = 4; median = 5; Q3 = 6; max = 8; IQR = 2
13. min = 10; Q1 = 12; median = 15; Q3 = 18; max = 20; IQR = 6
14. min = 2; Q1 = 2.5; median = 6; Q3 = 10; max = 13; IQR = 7.5
15. min = 1; Q1 = 4; median = 6; Q3 = 9; max = 10; IQR = 5
16. min = 5; Q1 = 5; median = 7.5; Q3 = 9; max = 10; IQR = 4
17. min = 0; Q1 = 1; median = 2; Q3 = 3; max = 4; IQR = 2
18. min = 11; Q1 = 13; median = 14.5; Q3 = 17; max = 20; IQR = 4
19. min = 6; Q1 = 6.5; median = 7; Q3 = 10; max = 12; IQR = 3.5
20. min = 2; Q1 = 6; median = 11; Q3 = 16; max = 20; IQR = 10
21. min = 3; Q1 = 5; median = 9; Q3 = 13; max = 15; IQR = 8
22. min = 1; Q1 = 2; median = 4; Q3 = 6; max = 7; IQR = 4
23. min = 2; Q1 = 4; median = 8; Q3 = 12; max = 14; IQR = 8
24. min = 7; Q1 = 8; median = 10; Q3 = 12; max = 13; IQR = 4
25. min = 10; Q1 = 11; median = 13; Q3 = 15; max = 16; IQR = 4
26. min = 0; Q1 = 1; median = 2; Q3 = 5; max = 8; IQR = 4
27. min = 6; Q1 = 6; median = 8; Q3 = 10; max = 12; IQR = 4
28. min = 100; Q1 = 102; median = 106; Q3 = 110; max = 112; IQR = 8
29. min = 3; Q1 = 3; median = 4; Q3 = 6; max = 7; IQR = 3
30. min = 14; Q1 = 15; median = 17; Q3 = 19; max = 20; IQR = 4
31. min = 3; Q1 = 4; median = 5.5; Q3 = 7; max = 8; IQR = 3

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32. min = 1; Q1 = 2.5; median = 4.5; Q3 = 5.5; max = 8; IQR = 3
33. min = 10; Q1 = 20; median = 35; Q3 = 50; max = 60; IQR = 30
34. min = 2; Q1 = 6; median = 11; Q3 = 16; max = 20; IQR = 10
35. min = 5; Q1 = 7; median = 10; Q3 = 13; max = 15; IQR = 6
36. min = 0; Q1 = 0.5; median = 1.5; Q3 = 2.5; max = 3; IQR = 2.0
37. min = 21; Q1 = 22; median = 23.5; Q3 = 25; max = 26; IQR = 3
38. min = 4; Q1 = 4; median = 5; Q3 = 6; max = 7; IQR = 2
39. min = 12; Q1 = 15; median = 19; Q3 = 23; max = 26; IQR = 8
40. min = 1; Q1 = 5; median = 10; Q3 = 13; max = 19; IQR = 8
41. Box A (median = 6) has the higher median (A).
42. The IQRs are equal (A IQR = $8 - 4 = 4$; B IQR = $7 - 3 = 4$).
43. Skewed right (longer upper tail).
44. Box C has greater range (9 vs 8).
45. 10 might be an outlier (it's much larger than Q3).
46. Box G (G's IQR = $8 - 3 = 5$; F's IQR = $6 - 4 = 2$; G is larger).
47. The median is 50.
48. IQR = $40 - 20 = 20$
49. IQR = $5 - 5 = 0$
50. 25% (one quarter of the data is between min and Q1)