ZiloAcademy

✨ Grade 10 Maths — Box Plots & Five-Number Summary ✨

Name: Demo **Date:** 26/11/2026

1. Find the interquartile range of: 9, 10, 12, 12, 14, 18, 27, 34, 34, 56, 59 (use the median of each half)

2. Find the upper quartile (Q3) of: 26, 27, 28, 30, 35, 35, 36, 41, 48, 54, 55 (use the median of each half)

3. Find the upper quartile (Q3) of: 1, 27, 33, 37, 37, 39, 51, 55, 56, 58 (use the median of each half)

4. Find the interquartile range of: 2, 3, 18, 25, 31, 33, 34, 38, 48, 51 (use the median of each half)

5. Find the median of: 16, 17, 19, 34, 35, 44, 46, 59

6. Find the upper quartile (Q3) of: 3, 4, 11, 12, 13, 16, 33, 41, 46, 56, 56 (use the median of each half)

7. A data set has Q1 = 17 and Q3 = 53. Would a value of 114 be an outlier? (yes / no)

8. Find the lower quartile (Q1) of: 8, 9, 21, 24, 25, 27, 31, 46, 47, 48, 52 (use the median of each half)

9. Find the upper quartile (Q3) of: 4, 11, 19, 28, 28, 32, 35, 36, 40, 41, 54 (use the median of each half)

10. A data set has Q1 = 31 and Q3 = 49. Would a value of 78 be an outlier? (yes / no)