

Name: _____

Date: _____

Five-number summary: Min, Q1, Median (Q2), Q3, Max. $IQR = Q3 - Q1$. Order the data FIRST! Last two are challenge problems!

1. Order and find the median of 7, 3, 9, 5, 1.

show your work

2. Median of 4, 8, 2, 6 (even count).

show your work

3. Data 2,4,6,8,10,12,14,16. Find Q1.

show your work

4. Same data: find Q3.

show your work

5. Same data: find the IQR.

show your work

6. Min 70, Q1 83, Med 88, Q3 94, Max 98 (Trainer echo - Jan 2026 Q28). What is the IQR?

show your work

7. What percent of data lies inside the box of a box plot?

show your work

8. Range of the data with Min 70, Max 98?

show your work

9. Data: 12, 15, 15, 18, 20, 22, 25, 30, 35. ★ CHALLENGE
Give the full five-number summary.

show your work

10. Two classes have equal medians ★ CHALLENGE
but Class A's box is much wider.
What does that say?

show your work