

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

1,3,5,7,9 - middle

Answer: 5

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

2,4,6,8; average middle two

Answer: 5

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

Lower half 2,4,6,8; median

Answer: 5

4. Same data: find Q3.

Upper half 10,12,14,16

Answer: 13

5. Same data: find the IQR.

$Q3 - Q1 = 13 - 5$

Answer: 8

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

$94 - 83$

Answer: 11

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

Q1 to Q3

Answer: middle 50%

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

$\text{Max} - \text{Min}$

Answer: 28

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

Min 12; Q1 15; Med 20; Q3 27.5; Max 35

Answer: 12, 15, 20, 27.5, 35

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

Box width = IQR = spread

Answer: A is more spread out (bigger IQR)