

1. Mean of 4, 6, 8, 10.

Sum 28 / 4

Answer: 7

2. Median of 3, 7, 9, 12, 20.

Middle value

Answer: 9

3. Mode of 2, 3, 3, 5, 7, 3.

Most frequent

Answer: 3

4. Mean of 10, 20, 30, 40, 100.

Sum 200 / 5

Answer: 40

5. Median of that same set.

10,20,30,40,100 middle

Answer: 30

6. Which is bigger for 10,20,30,40,100 - mean or median? Why?

100 drags the mean up

Answer: mean (outlier pulls it)

7. A dot plot shows median = mode = 6. What must be true? (Trainer echo - Aug 2025 Q14 idea!)

Middle value and most common agree

Answer: the middle value is also most frequent

8. Add the value 0 to 4,6,8,10. New mean?

Sum 28 / 5

Answer: 5.6

9. Five test scores average 80. Four of them are 75, 85, 90, 70. Find the fifth. ★ challenge

Total must be 400

400 - 320

Answer: 80

10. A data set of 6 numbers has mean 10. Remove one value and the mean becomes 11 (5 left). What value

Old total 60; new total 55

60 - 55

Answer: 5