

## 64. How to compare two data sets using the median and range



### Practice Questions:

1. Set A has a median of 22 and a range of 23. Set B has a median of 16 and a range of 23. Compare the medians and ranges of the two sets.

2. Set A has a median of 24 and a range of 24. Set B has a median of 18 and a range of 30. Compare the medians and ranges of the two sets.

3. Set A has a median of 21 and a range of 24. Set B has a median of 28 and a range of 4. Compare the medians and ranges of the two sets.

4. Set A has a median of 24 and a range of 10. Set B has a median of 18 and a range of 19. Compare the medians and ranges of the two sets.

5. Set A has a median of 18 and a range of 4. Set B has a median of 15 and a range of 7. Compare the medians and ranges of the two sets.

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### Practice Questions:

6. Set A has a median of 24 and a range of 16. Set B has a median of 24 and a range of 10. Compare the medians and ranges of the two sets.

7. Set A has a median of 21 and a range of 19. Set B has a median of 18 and a range of 19. Compare the medians and ranges of the two sets.

8. Set A has a median of 23 and a range of 29. Set B has a median of 18 and a range of 24. Compare the medians and ranges of the two sets.

9. Set A has a median of 1.8 and a range of 9.1. Set B has a median of 1.7 and a range of 9.2. Compare the medians and ranges of the two sets.

10. Set A has a median of 3.5 and a range of 7.4. Set B has a median of 8.2 and a range of 7.7. Compare the medians and ranges of the two sets.

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### Practice Questions: **Answers**

1. Set A has a median of 22 and a range of 23. Set B has a median of 16 and a range of 23. Compare the medians and ranges of the two sets.

**1. Set A has a higher Median,.They both have the same range.**

2. Set A has a median of 24 and a range of 24. Set B has a median of 18 and a range of 30. Compare the medians and ranges of the two sets.

**2. Set A has a higher median. Set B has a larger range.**

3. Set A has a median of 21 and a range of 24. Set B has a median of 28 and a range of 4. Compare the medians and ranges of the two sets.

**3. Set B has a higher median and a smaller range.**

4. Set A has a median of 24 and a range of 10. Set B has a median of 18 and a range of 19. Compare the medians and ranges of the two sets.

**4. Set A has a higher median. Set B has a larger range.**

5. Set A has a median of 18 and a range of 4. Set B has a median of 15 and a range of 7. Compare the medians and ranges of the two sets.

**5. Set A has a higher median and a lower range.**

6. Set A has a median of 24 and a range of 16. Set B has a median of 24 and a range of 10. Compare the medians and ranges of the two sets.

**6. Both sets have the same median. Set B has a smaller range.**

7. Set A has a median of 21 and a range of 19. Set B has a median of 18 and a range of 19. Compare the medians and ranges of the two sets.

**7. Set B has a lower median. They have the same range.**

8. Set A has a median of 23 and a range of 29. Set B has a median of 18 and a range of 24. Compare the medians and ranges of the two sets.

**8. Set A has a higher median. Set A has a larger range.**

9. Set A has a median of 1.8 and a range of 9.1. Set B has a median of 1.7 and a range of 9.2. Compare the medians and ranges of the two sets.

**9. Set A has a higher median. Set B has a larger range.**

10. Set A has a median of 3.5 and a range of 7.4. Set B has a median of 8.2 and a range of 7.7. Compare the medians and ranges of the two sets.

**10. Set B has a higher median. Set B has a larger range.**