

ean	Range		
16	7		
12	18		

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A boys' rugby team plays seven games.

Here is the number of points they score in each game.

14 31	12	27	22	45	16
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a) Find the median of the number of points scored.

- b) Find the range of the number of points scored.
- A girls' rugby team also plays seven games.

Their median score is 28 points and the range of their scores is 44 points.

c) Use the median and range to compare the performances of the boys' rugby team and the girls' rugby team.

Median: \_\_\_\_\_

Range: \_\_\_\_\_

For an English assignment, Nijah is comparing the number of words in thirty sentences of two different authors.

	Number of words in	Number of words in	Median number of
	shortest sentence	longest sentence	words per sentence
Author A	6	15	10
Author B	10	23	14

a) Work out the range of the number of words per sentence for each author.

author **B** 

b) Make two comparisons about the number of words per sentence written by the authors.

The table shows the scores of a group of students in English and Science tests. 36 72 4 47 English 67 74 5 58 Science a) Complete the table. Med English marks Science marks b) Use an average and the range to make two comparisons between the English and Science marks. 1. \_\_\_\_\_ 2. \_\_\_\_\_ At a charity 10,000 m race, twenty experienced runners finish with a mean time of 48 minutes and a range of 10 minutes. Here are the times (in minutes) of ten first-time runners in the race. 62 70 58 75 66 Make two comparisons between the experienced and first-time runners. 1. \_\_\_\_\_ 2. \_\_\_\_\_

Will your comparisons change if the runner who took 98 minutes is not included in the data?

1.\_\_\_\_\_

2. \_\_\_\_\_

12	51	78	38	47	38	52
59	68	66	68	59	63	24

an	Median	Range







