

The skills in this series of exercises appear frequently.

These are the GIFTS you must take to succeed.



Finance and Statistics Unit

Exercise 9

Standard Deviation (Calculator)

Calculate the standard deviation for each:

1. 19 23 27 28 29 30
2. 42 47 48 51 55 57
3. 149 151 142 140 158
4. 29 31 21 28 31
5. 25 31 24 23 37
6. 482 480 463 467
7. 19 23 27 41 35 20 24
8. 173 168 161 147 156
9. 45 56 33 40 44 27 35
10. 27 25 22 29 20 17 28

Applying Question



The number of goals scored by the top scorer of the teams in the top six split of the Scottish Premier League for season 2023/24 were:

14 15 24 33 11 17

- (a) Calculate the mean and standard deviation of the number of goals.
- (b) In the bottom six split the mean number of goals by the team top scorer was 7 and the standard deviation was 4.3.

Make 2 valid comments comparing the goals scored by top scorers in the top six and the bottom six.