

4.4 - Standard Deviation

Period _____

Find the population standard deviation for each data set.

1) # Words in Book Titles

1 2 2 2 2 3 4 4
5

- A) 1.23 B) 1.25
C) 1.1 D) 0.99

2) Hits in a Round of Hacky Sack

3 5 5 5 5 5 6 7
8 12

- A) 2.34 B) 3.34
C) 2.37 D) 5.4

3) Hits in a Round of Hacky Sack

2 3 4 5 6 6 7
13 17 18 21

- A) 6.41 B) 3.16
C) 5.71 D) 1.83

4) Age at First Job

12 13 14 15 16 17 17
17 20 23

- A) 2.87 B) 2.18
C) 3.03 D) 3.1

5) Goals in a Hockey Game

3 3 3 3 5 5 5 7
7 7 10

- A) 2.29 B) 1.87
C) 2.64 D) 2.18

6) Test Scores

31 34 39 40 45 50 51
52 55 58

- A) 5.36 B) 5.27
C) 8.69 D) 5.57

7) Mens Heights (Inches)

65 66 69 70 70 71 72
74 75 76 78

- A) 4.21 B) 4.56
C) 4.16 D) 3.87

8) Hours Slept

4.25 5.75 6 6.5 7 7 7
7.5 7.5

- A) 0.98 B) 1
C) 0.9 D) 1.26

9) Hours Slept

5.25 5.5 5.75 5.75 7.25
7.25 7.25 7.75 7.75 8.75

- A) 0.94 B) 1.12
C) 1.14 D) 0.91

10) Shoe Size

6 6.5 7 7.5 7.5 8 8
8.5 10.5

- A) 1.23 B) 1.42
C) 1.11 D) 1.27

11) Hits in a Round of Hacky Sack
3 4 5 8 11 12 12
12 13 15 18

12) Hours Slept
5.25 5.25 6 6 6.75 7 7
7.25 8 8 9

13) Games per World Series
4 4 4 4 6 6 6 6
7 7

14) Goals in a Hockey Game
2 3 3 3 4 5 5 5
6 7 8

15) Games per World Series
4 4 4 5 5 5 7 7
7

16) Mens Heights (Inches)
59 64 67 67 74 75 76
77 77

17) Games per World Series
4 4 4 5 5 6 6 7
7 7

18) Minutes to Run 5km
23.2 26.1 26.3 29.1 31.4
34.3 34.7 37.6 38.6 38.7
46.6

19) Test Scores
31 40 42 44 49 50 52
52 53 54 57

20) Test Scores
34 37 43 46 48 50 50
54 55 55 57