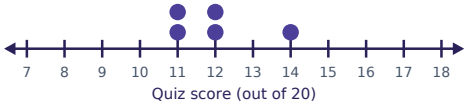
Dot Plots: Standard Deviation · 1

The dot plot shows the number of push-ups done in one minute for 6 students. Each dot stands for one student. The same data as a list: S = [21, 24, 25, 22, 21, 25]. The mean is 23. What is the population standard deviation of the data?



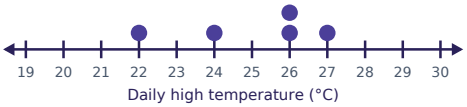
Dot Plots: Standard Deviation · 2

The dot plot shows the quiz score for 5 students. Each dot stands for one student. The same data as a list: S = [12, 11, 12, 11, 14]. The mean is 12. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 3

The dot plot shows the high temperature in °C for 5 days. Each dot stands for one day. The same data as a list: S = [26, 26, 27, 22, 24]. The mean is 25. What is the population standard deviation of the data?



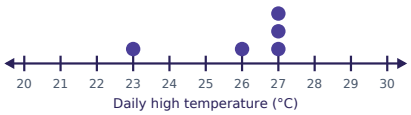
Dot Plots: Standard Deviation · 4

The dot plot shows the number of goals scored for 5 matches. Each dot stands for one match. The same data as a list: S = [4, 6, 8, 4, 8]. The mean is 6. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 5

The dot plot shows the high temperature in °C for 5 days. Each dot stands for one day. The same data as a list: S = [27, 27, 23, 27, 26]. The mean is 26. What is the population standard deviation of the data?



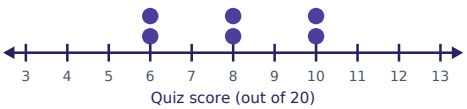
Dot Plots: Standard Deviation · 6

The dot plot shows the number of text messages sent in one hour for 5 teens. Each dot stands for one teen. The same data as a list: S = [11, 12, 14, 12, 11]. The mean is 12. What is the population standard deviation of the data?



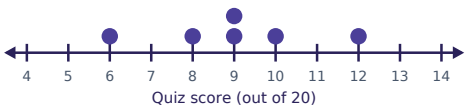
Dot Plots: Standard Deviation · 7

The dot plot shows the quiz score for 6 students. Each dot stands for one student. The same data as a list: S = [10, 6, 8, 8, 10, 6]. The mean is 8. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 8

The dot plot shows the quiz score for 6 students. Each dot stands for one student. The same data as a list: S = [12, 10, 9, 6, 8, 9]. The mean is 9. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 2

ANSWER

1.1

Dot Plots: Standard Deviation · 1

ANSWER

1.7

Dot Plots: Standard Deviation · 4

ANSWER

1.8

Dot Plots: Standard Deviation · 3

ANSWER

1.8

Dot Plots: Standard Deviation · 6

ANSWER

1.1

Dot Plots: Standard Deviation · 5

ANSWER

1.5

Dot Plots: Standard Deviation · 8

ANSWER

1.8

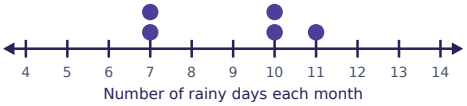
Dot Plots: Standard Deviation · 7

ANSWER

1.6

Dot Plots: Standard Deviation · 9

The dot plot shows the number of rainy days for 5 months. Each dot stands for one month. The same data as a list: S = [7, 7, 11, 10, 10]. The mean is 9. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 10

The dot plot shows the number of books read over the summer for 6 students. Each dot stands for one student. The same data as a list: S = [8, 6, 6, 3, 4, 9]. The mean is 6. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 11

The dot plot shows the number of hours of sleep for 6 students. Each dot stands for one student. The same data as a list: S = [8, 11, 6, 7, 10, 6]. The mean is 8. What is the population standard deviation of the data?



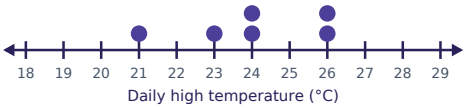
Dot Plots: Standard Deviation · 12

The dot plot shows the number of goals scored for 6 matches. Each dot stands for one match. The same data as a list: S = [5, 3, 4, 3, 3, 0]. The mean is 3. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 13

The dot plot shows the high temperature in °C for 6 days. Each dot stands for one day. The same data as a list: S = [23, 26, 21, 26, 24, 24]. The mean is 24. What is the population standard deviation of the data?



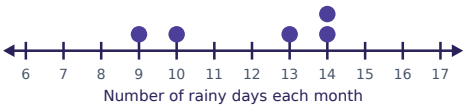
Dot Plots: Standard Deviation · 14

The dot plot shows the number of minutes the bus was late for 6 days. Each dot stands for one day. The same data as a list: S = [14, 17, 15, 13, 15, 16]. The mean is 15. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 15

The dot plot shows the number of rainy days for 5 months. Each dot stands for one month. The same data as a list: S = [10, 14, 13, 14, 9]. The mean is 12. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 16

The dot plot shows the number of goals scored for 7 matches. Each dot stands for one match. The same data as a list: S = [2, 8, 4, 2, 5, 2, 5]. The mean is 4. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 10

ANSWER

2.1

Dot Plots: Standard Deviation · 9

ANSWER

1.7

Dot Plots: Standard Deviation · 12

ANSWER

1.5

Dot Plots: Standard Deviation · 11

ANSWER

1.9

Dot Plots: Standard Deviation · 14

ANSWER

1.3

Dot Plots: Standard Deviation · 13

ANSWER

1.7

Dot Plots: Standard Deviation · 16

ANSWER

2.1

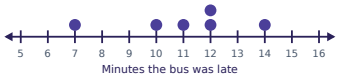
Dot Plots: Standard Deviation · 15

ANSWER

2.1

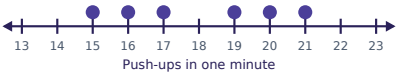
Dot Plots: Standard Deviation · 17

The dot plot shows the number of minutes the bus was late for 6 days. Each dot stands for one day. The same data as a list: S = [12, 12, 7, 10, 11, 14]. The mean is 11. What is the population standard deviation of the data?



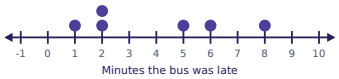
Dot Plots: Standard Deviation · 18

The dot plot shows the number of push-ups done in one minute for 6 students. Each dot stands for one student. The same data as a list: S = [19, 17, 16, 15, 21, 20]. The mean is 18. What is the population standard deviation of the data?



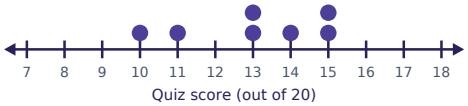
Dot Plots: Standard Deviation · 19

The dot plot shows the number of minutes the bus was late for 6 days. Each dot stands for one day. The same data as a list: S = [8, 2, 1, 6, 2, 5]. The mean is 4. What is the population standard deviation of the data?



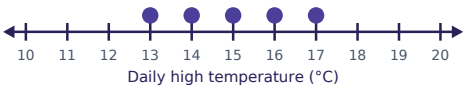
Dot Plots: Standard Deviation · 20

The dot plot shows the quiz score for 7 students. Each dot stands for one student. The same data as a list: S = [13, 11, 10, 15, 15, 13, 14]. The mean is 13. What is the population standard deviation of the data?



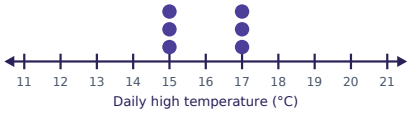
Dot Plots: Standard Deviation · 21

The dot plot shows the high temperature in °C for 5 days. Each dot stands for one day. The same data as a list: S = [14, 17, 13, 15, 16]. The mean is 15. What is the population standard deviation of the data?



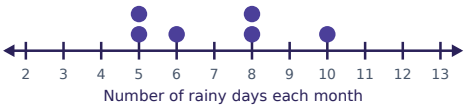
Dot Plots: Standard Deviation · 22

The dot plot shows the high temperature in °C for 6 days. Each dot stands for one day. The same data as a list: S = [17, 15, 17, 15, 15, 17]. The mean is 16. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 23

The dot plot shows the number of rainy days for 6 months. Each dot stands for one month. The same data as a list: S = [6, 5, 5, 10, 8, 8]. The mean is 7. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 24

The dot plot shows the number of text messages sent in one hour for 6 teens. Each dot stands for one teen. The same data as a list: S = [10, 14, 15, 15, 14, 10]. The mean is 13. What is the population standard deviation of the data?



Dot Plots: Standard Deviation · 18

ANSWER

2.2

Dot Plots: Standard Deviation · 17

ANSWER

2.2

Dot Plots: Standard Deviation · 20

ANSWER

1.8

Dot Plots: Standard Deviation · 19

ANSWER

2.5

Dot Plots: Standard Deviation · 22

ANSWER

1.0

Dot Plots: Standard Deviation · 21

ANSWER

1.4

Dot Plots: Standard Deviation · 24

ANSWER

2.2

Dot Plots: Standard Deviation · 23

ANSWER

1.8