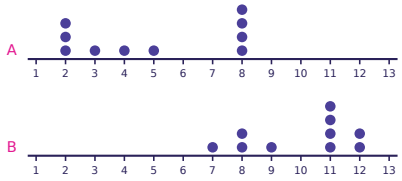
Find the mean of the data: 14, 8, 8, 10, 10.

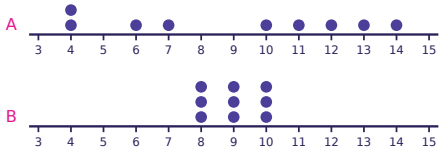
The mean of the data is 14. Find the mean absolute deviation (MAD): 13, 12, 14, 14, 17.

The dot plots show hours of sleep for students in two classes. Which data set, A or B, has the greater mean?



Find the mean of the data: 8, 8, 7, 7, 5.

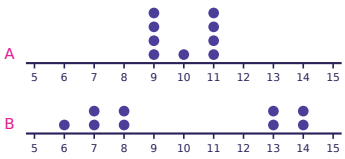
The dot plots show two data sets with the same mean. Which data set, A or B, has the greater mean absolute deviation (more variability)?



The mean of the data is 13. Find the mean absolute deviation (MAD): 11, 16, 11, 14, 13.

Set A: 8, 6, 10, 8. Set B: 13, 18, 14, 11. What is the difference between the means of the two sets (larger mean minus smaller mean)?

The dot plots show two data sets with the same mean. Which data set, A or B, has the greater mean absolute deviation (more variability)?



Comparing Data Sets: Mean & MAD · 2

ANSWER

1.2

Comparing Data Sets: Mean & MAD · 1

ANSWER

10

Comparing Data Sets: Mean & MAD · 4

ANSWER

7

Comparing Data Sets: Mean & MAD · 3

ANSWER

B

Comparing Data Sets: Mean & MAD · 6

ANSWER

1.6

Comparing Data Sets: Mean & MAD · 5

ANSWER

A

Comparing Data Sets: Mean & MAD · 8

ANSWER

B

Comparing Data Sets: Mean & MAD · 7

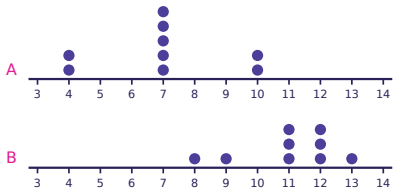
ANSWER

6

Find the mean of the data: 2, 9, 11, 9, 4, 1.

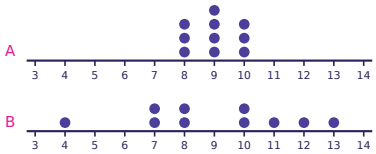
The mean of the data is 14. Find the mean absolute deviation (MAD): 11, 12, 17, 16.

The dot plots show points scored by two basketball players in several games. Which data set, A or B, has the greater mean?



Find the mean of the data: 3, 2, 7, 3, 10, 11.

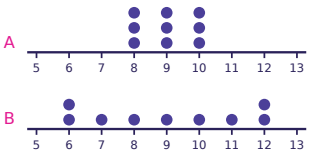
The dot plots show two data sets with the same mean. Which data set, A or B, has the greater mean absolute deviation (more variability)?



The mean of the data is 16. Find the mean absolute deviation (MAD): 19, 13, 17, 18, 13.

Set A: 18, 23, 16, 21, 17. Set B: 25, 23, 24, 26, 22. What is the difference between the means of the two sets (larger mean minus smaller mean)?

The dot plots show two data sets with the same mean. Which data set, A or B, has the greater mean absolute deviation (more variability)?



Comparing Data Sets: Mean & MAD · 10

ANSWER

2.5

Comparing Data Sets: Mean & MAD · 9

ANSWER

6

Comparing Data Sets: Mean & MAD · 12

ANSWER

6

Comparing Data Sets: Mean & MAD · 11

ANSWER

B

Comparing Data Sets: Mean & MAD · 14

ANSWER

2.4

Comparing Data Sets: Mean & MAD · 13

ANSWER

B

Comparing Data Sets: Mean & MAD · 16

ANSWER

B

Comparing Data Sets: Mean & MAD · 15

ANSWER

5

Comparing Data Sets: Mean & MAD · 17

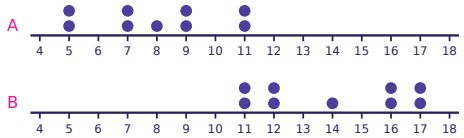
Find the mean of the data: 10, 12, 11, 6, 6.

Comparing Data Sets: Mean & MAD · 18

The mean of the data is 10. Find the mean absolute deviation (MAD): 5, 9, 11, 15.

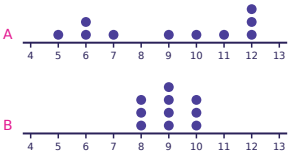
Comparing Data Sets: Mean & MAD · 19

The dot plots show points scored by two basketball players in several games. Which data set, A or B, has the greater mean?



Comparing Data Sets: Mean & MAD · 20

The dot plots show two data sets with the same mean. Which data set, A or B, has the greater mean absolute deviation (more variability)?



Comparing Data Sets: Mean & MAD · 21

The mean of the data is 15. Find the mean absolute deviation (MAD): 18, 16, 10, 16.

Comparing Data Sets: Mean & MAD · 22

Set A: 7, 8, 6, 12, 7. Set B: 12, 19, 15, 20, 14. What is the difference between the means of the two sets (larger mean minus smaller mean)?

Comparing Data Sets: Mean & MAD · 23

A study compares the lengths of two kinds of fish. Group A has a mean of 26 centimeters and group B has a mean of 38 centimeters. Both groups have a MAD of 3 centimeters. The difference between the means is how many times the MAD?

Comparing Data Sets: Mean & MAD · 24

Find the mean of the data: 8, 4, 3, 3, 8, 4.

Comparing Data Sets: Mean & MAD · 18

ANSWER

3

Comparing Data Sets: Mean & MAD · 17

ANSWER

9

Comparing Data Sets: Mean & MAD · 20

ANSWER

A

Comparing Data Sets: Mean & MAD · 19

ANSWER

B

Comparing Data Sets: Mean & MAD · 22

ANSWER

8

Comparing Data Sets: Mean & MAD · 21

ANSWER

2.5

Comparing Data Sets: Mean & MAD · 24

ANSWER

5

Comparing Data Sets: Mean & MAD · 23

ANSWER

4