Comparing Data Sets: Mean & MAD · 1

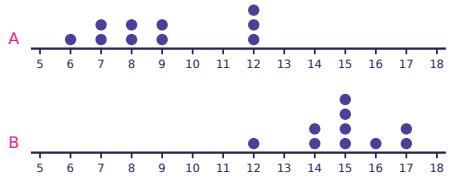
Find the mean of the data: 2, 4, 10, 9, 1, 10, 6.

Comparing Data Sets: Mean & MAD · 2

The mean of the data is 11. Find the mean absolute deviation (MAD): 9, 15, 15, 10, 16, 7, 5.

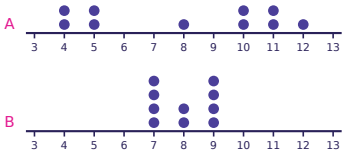
Comparing Data Sets: Mean & MAD · 3

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



Comparing Data Sets: Mean & MAD · 4

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 · 5

The mean of the data is 10. Find the mean absolute deviation (MAD): 9, 12, 9, 15, 5.

Comparing Data Sets: Mean & MAD · 6

Set A: 15, 19, 20, 14. Set B: 9, 6, 11, 14. What is the difference between the means of the two sets (larger mean minus smaller mean)?

Comparing Data Sets: Mean & MAD · 7

A study compares the weights of puppies of two breeds. Group A has a mean of 32 pounds and group B has a mean of 36 pounds. Both groups have a MAD of 2 pounds. The difference between the means is how many times the MAD?

Comparing Data Sets: Mean & MAD · 8

Find the mean of the data: 9, 3, 16, 14, 3.

Comparing Data Sets: Mean & MAD · 2

ANSWER

3.7

Comparing Data Sets: Mean & MAD · 1

ANSWER

6

Comparing Data Sets: Mean & MAD · 4

ANSWER

A

Comparing Data Sets: Mean & MAD · 3

ANSWER

B

Comparing Data Sets: Mean & MAD · 6

ANSWER

7

Comparing Data Sets: Mean & MAD · 5

ANSWER

2.8

Comparing Data Sets: Mean & MAD · 8

ANSWER

9

Comparing Data Sets: Mean & MAD · 7

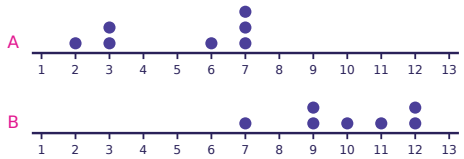
ANSWER

2

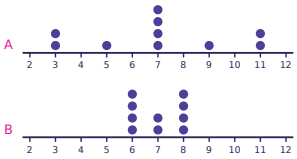
Find the mean of the data: 23, 19, 21, 18, 19.

The mean of the data is 15. Find the mean absolute deviation (MAD): 18, 12, 11, 19, 13, 20, 9, 18.

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



The mean of the data is 12. Find the mean absolute deviation (MAD): 5, 17, 6, 19, 13.

Set A: 14, 18, 12, 20. Set B: 18, 22, 17, 15. What is the difference between the means of the two sets (larger mean minus smaller mean)?

A study compares the weights of puppies of two breeds. Group A has a mean of 33 pounds and group B has a mean of 42 pounds. Both groups have a MAD of 3 pounds. The difference between the means is how many times the MAD?

A study compares the test scores of two classes. Group A has a mean of 32 points and group B has a mean of 40 points. Both groups have a MAD of 4 points. The difference between the means is how many times the MAD?

Comparing Data Sets: Mean & MAD · 10

ANSWER

3.8

Comparing Data Sets: Mean & MAD · 9

ANSWER

20

Comparing Data Sets: Mean & MAD · 12

ANSWER

A

Comparing Data Sets: Mean & MAD · 11

ANSWER

B

Comparing Data Sets: Mean & MAD · 14

ANSWER

2

Comparing Data Sets: Mean & MAD · 13

ANSWER

5.2

Comparing Data Sets: Mean & MAD · 16

ANSWER

2

Comparing Data Sets: Mean & MAD · 15

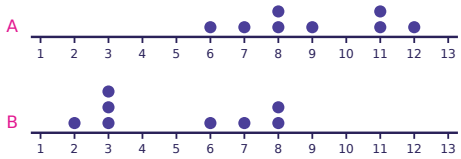
ANSWER

3

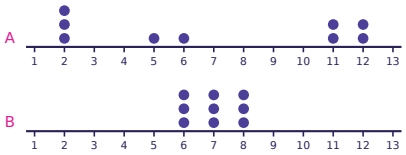
Find the mean of the data: 13, 13, 9, 5, 20.

The mean of the data is 19. Find the mean absolute deviation (MAD): 13, 26, 15, 16, 25.

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



The mean of the data is 10. Find the mean absolute deviation (MAD): 8, 16, 12, 11, 6, 7.

Set A: 14, 7, 12, 11, 14, 8. Set B: 17, 18, 12, 18, 18, 13. What is the difference between the means of the two sets (larger mean minus smaller mean)?

A study compares the heights of players on two basketball teams. Group A has a mean of 43 inches and group B has a mean of 63 inches. Both groups have a MAD of 5 inches. The difference between the means is how many times the MAD?

A study compares the weights of puppies of two breeds. Group A has a mean of 39 pounds and group B has a mean of 54 pounds. Both groups have a MAD of 5 pounds. The difference between the means is how many times the MAD?

Comparing Data Sets: Mean & MAD · 18

ANSWER

5.2

Comparing Data Sets: Mean & MAD · 17

ANSWER

12

Comparing Data Sets: Mean & MAD · 20

ANSWER

A

Comparing Data Sets: Mean & MAD · 19

ANSWER

A

Comparing Data Sets: Mean & MAD · 22

ANSWER

5

Comparing Data Sets: Mean & MAD · 21

ANSWER

3

Comparing Data Sets: Mean & MAD · 24

ANSWER

3

Comparing Data Sets: Mean & MAD · 23

ANSWER

4