

Measures of Center

Move around the room and find someone who can solve each of the problems below. Switch papers, work the problem, and then sign your name in the box.

1 _____ can determine which measure of center is used with skewed data.

2 _____ can explain how to find the mean.

6 _____ can explain how to find the median.

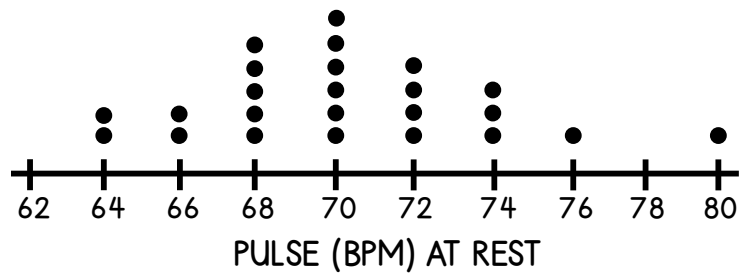
3 _____ can find the median of the following set of data.

19, 33, 41, 24, 18, 29, 32

4 _____ can determine what the mean would be if 5 was added to the list below.

2.5, 6, 3.1, 4.5, 1.1, 3

5 _____ can find the median of the dot plot below.



7 _____ can determine the missing test score that Amelia needs to earn in order to get an 80 in her math class.

TEST 1	TEST 2	TEST 3	TEST 4	TEST 5	TEST 6
74	76	82	87	86	

8

_____ can describe what to do if two numbers are in the middle of the data when finding the median.

9

_____ can find the mean of the following set of data.

10, 13, 16, 16, 14, 10, 12

10

_____ can determine the median of the data below.

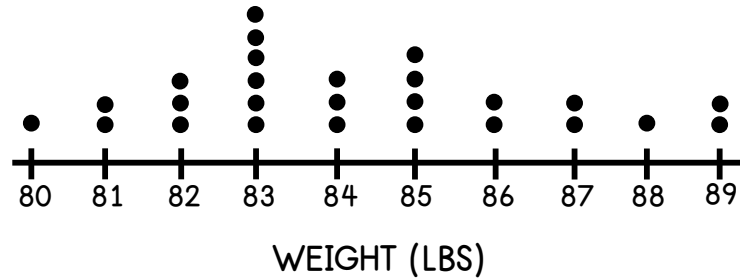
87, 95, 101, 79, 92, 108

11

_____ can determine which measure of center is used with symmetrical data.

12

_____ can determine how adding five more data values at 89 will change the median.

**13**

_____ can explain why the median of the data below is NOT 36.

19, 21, 24, 35, 37, 27, 38, 39

14

_____ can determine the mean cost of a pair of headphones if five are purchased for a total of \$185.00 and a sixth one is purchased for \$67.00.

Measures of Center

Move around the room and find someone who can solve each of the problems below. Switch papers, work the problem, and then sign your name in the box.

1 _____ can determine which measure of center is used with skewed data.

median

2 _____ can explain how to find the mean.

1. Find the sum of the data set
2. Divide by the number of pieces of data in the set

6 _____ can explain how to find the median.

3 _____ can find the median of the following set of data.

19, 33, 41, 24, 18, 29, 32

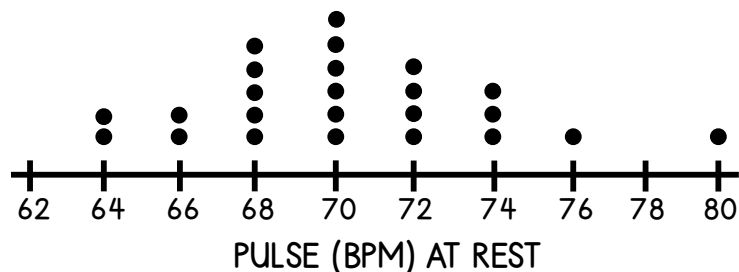
29

4 _____ can determine what the mean would be if 5 was added to the list below.

2.5, 6, 3.1, 4.5, 1.1, 3

3.6

5 _____ can find the median of the dot plot below.



70

7 _____ can determine the missing test score that Amelia needs to earn in order to get an 80 in her math class.

TEST 1	TEST 2	TEST 3	TEST 4	TEST 5	TEST 6
74	76	82	87	86	

1. Order the data from least to greatest
2. Find the midpoint of the data

75

8

_____ can describe what to do if two numbers are in the middle of the data when finding the median.

Find the mean of the two numbers that share the midpoint

9

_____ can find the mean of the following set of data.

10, 13, 16, 16, 14, 10, 12

13

10

_____ can determine the median of the data below.

87, 95, 101, 79, 92, 108

93.5

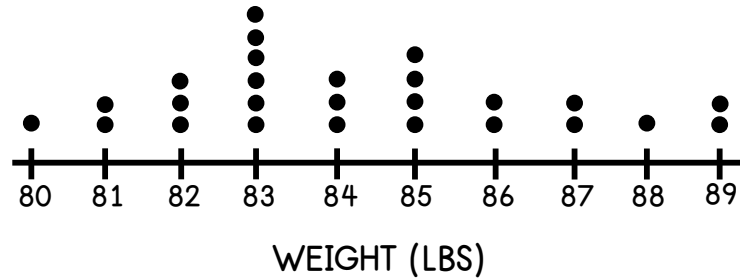
11

_____ can determine which measure of center is used with symmetrical data.

mean

12

_____ can determine how adding five more data values at 89 will change the median.



median changes from 84 to 85

13

_____ can explain why the median of the data below is NOT 36.

19, 21, 24, 35, 37, 27, 38, 39

27 is in the wrong place which changes the midpoint of the data

14

_____ can determine the mean cost of a pair of headphones if five are purchased for a total of \$185.00 and a sixth one is purchased for \$67.00.

\$42.00