Collecting and describing data

Math

Name_____ Class_____ Date_____

1 What is the **mean** of the following numbers?

-12, 14, 18, -22, 16, -11, 13, 9, -8, -6

A -1.7
B -1.5
C 1.1
D 12.9

2 Which **measure of central tendency** would best represent the weight of **all** of the members of the high school football team?

A mean
B median
C mode
D range

3 Which **measure of central tendency** would best be used to represent the data shown on the bar graph of the number of stuffed animals owned by 3 to 8-year-olds?

Stuffed Animals per Age

C 16
D 17

4 Which is **true** about the following data?

22, 18, 21, 17, 16, 12, 21, 14, 25

A The mean and mode are 21.

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5

7

A mean
B mode
C median
D range

Month	J	F	M	A	M	J	J	A	S	O	N	D
# books (in thousands)	4.8	3.3	3.1	3	2.7	2.5	2	2.9	3.7	5	5.5	6

9 **Variability** indicates whether data is spread out or clustered together.

True or false?

A true
B false

10 What is the **range** of the following data?

78, 67, 82, 85, 77, 97, 94, 69, 89, 91, 73

A 5
B 24
C 30
D 82

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-12, 14, 18, -22, 16, -11, 13, 9, -8, -6

A -1.7
B -1.5
C 1.1
D 12.9

C

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A mean
B median
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A

3 Which **measure of central tendency** would best be used to represent the data shown on the bar graph of the number of stuffed animals owned by 3 to 8-year-olds?

C

4 Which is **true** about the following data?

22, 18, 21, 17, 16, 12, 21, 14, 25

A The mean and mode are 21.

D

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5

B

7

C 16
D 17

B

A mean
B mode
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Month	J	F	M	A	M	J	J	A	S	O	N	D
# books (in thousands)	4.8	3.3	3.1	3	2.7	2.5	2	2.9	3.7	5	5.5	6

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True or false?

A true
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A

10 What is the **range** of the following data?

78, 67, 82, 85, 77, 97, 94, 69, 89, 91, 73

A 5
B 24
C 30
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C

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