Math Data Analysis Nums Ops and Algebra 8_1

Student Name:_____   Date:_____
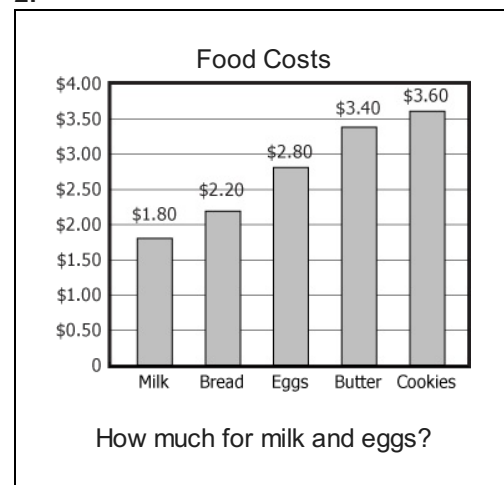
1.

Percentages of Students
in 4 Different Grades

20%   17%

20%

43%

- Grade 5
- Grade 6
- Grade 7
- Grade 8

What percentage of students
are in grade 7?

A. 25%

B. 20%

C. 15%

2.

Food Costs

$4.00
$3.50
$3.00
$2.50
$2.00
$1.50
$1.00
$0.50
0

$1.80 $2.20 $2.80 $3.40 $3.60

Milk   Bread   Eggs   Butter   Cookies

How much for milk and eggs?
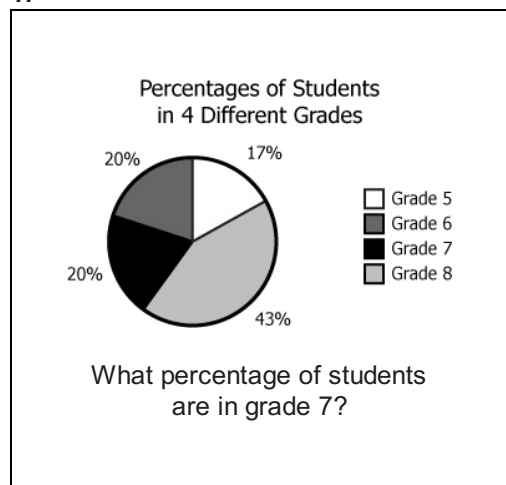
A. $4.60

B. $4.20

C. $4.00

3.

The number that occurs most often in a
set is called the ___.

A. mode

B. median

C. range

4.

{4, 8, 6, 2}

mean = ___

A. 4

B. 4.5

C. 5

5.

Jump Rope Count

Jumpers	Number of Jumps
Stephie	24
Janet	21
Nancy	12
Kyle	17

mean number of jumps = ___

A. 18

B. 18.5

C. 21

6.

Monthly Income of 5 People

Person A	$1,200.00
Person B	$1,900.00
Person C	$1,900.00
Person D	$15,000.00
Person E	$52,000.00

mode income = ___

A. $52,000.00

B. $1,900.00

C. $1,200.00

7.

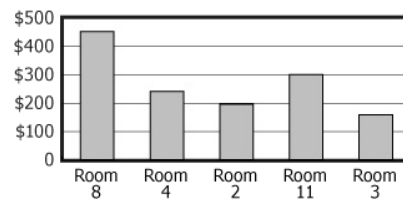A: {1, 2, 4, 5, 7}

B: {1, 2, 5, 7, 7}

C: {1, 2, 3, 6, 423}

For which set should you NOT use the **mean**?
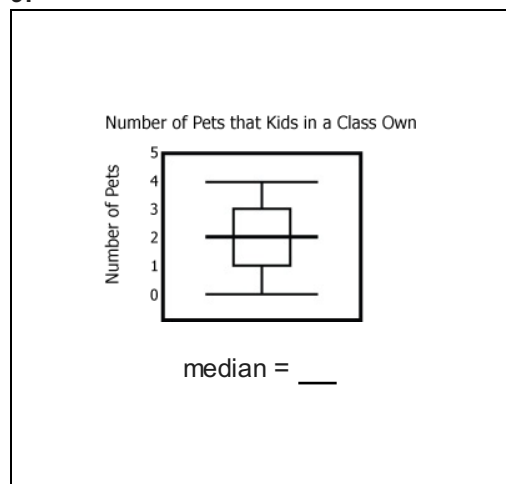
A. A

B. B

C. C

8.

School Fundraiser

How many rooms raised more than $205?

A. 3

B. 2

C. 5

9.

Number of Pets that Kids in a Class Own

median = ___

A. 0

B. 2

C. 4

10.

Age of People on a Bus	
Person A	12
Person B	13
Person C	11
Person D	12
Person E	14
Person F	54

mean age is _about_ ___

A. 12.5

B. 19

C. 12

11.

{7, 9, 11, 11, 12}

{ 7, 7, 11, 12, 13}

Which is different for the sets?

A. median

B. mean

C. mode

12.

Jack wants a notebook that will fit both his smallest and largest folders.

He needs to find the ___ of his folder sizes.

A. range

B. mode

C. median

13.

Candy Colors

Color	Number
blue	41
brown	59
red	44
green	48
yellow	56
orange	52

median number **without** red = ___

A. 49

B. 52

C. 53

14.

Student	Weekly Practice Hours
D.D.	4
W.A.	16
M.K.	3
X.O.	24
A.B.	9

mean number of hours = ___

A. 11.2

B. 12.2

C. 14

15.

{2, 8, 3, 8, 4}

median = ___

A. 3

B. 4

C. 5

16.

Cell Phone Calls	
Number of Calls	Minutes
3	1 - 10
9	11 - 21
17	22 - 33

How many calls were less than 11 minutes?

A. 9

B. 11

C. 3