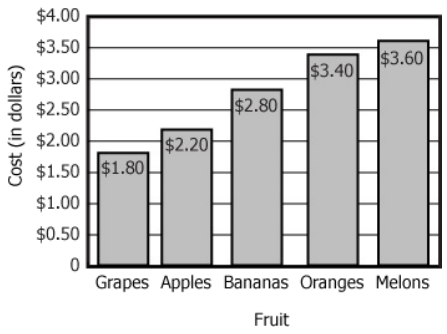
Math Data Analysis Nums Ops and Algebra 8_7

Student Name:_____ Date:_____

1.

Fruit Costs



How much do apples cost?

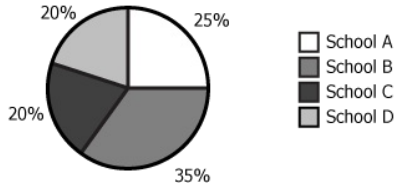
A. $1.80

B. $2.20

C. $2.80

2.

Percentage of Kids in 4 Different Schools



Which 2 schools have the same % of kids?

A. School C and School D

B. School C and School B

C. School A and School B

3.

Elective Choices	
Class	Students
Band	24
Shop	36
Art	28
P.E.	28
Acting	32
Computer Lab	16
Total Number of Students	164

mode of students per class = ___

A. 28

B. 36

C. 16

4.

Dan's Grocery List

Fruits	$11.28
Veggies	$19.50
Dairy	$7.50
Sweets	$34.00
Grains	$9.25

Dan buys everything but sweets.

How much $ does he spend?

A. $67.50

B. $47.53

C. $28.19

5.

A: {1, 4, 4, 7, 101}

B: {80, 90, 100, 130}

range of A ___ range of B

A. =

B. <

C. >

6.

{1, 3, 5, 7, 16}

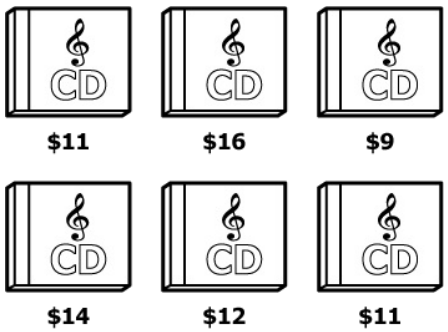
This set has NO ___ .

A. mode

B. median

C. range

7.



median cost = ___

A. $11.50

B. $9

C. $12

8.

Mountain Height	
Mountain	Height (in Feet)
Everest	29,000
Fuji	13,000
Matterhorn	15,000
Rainier	13,000
McKinley	20,000

Which has the **median** height?

A. Rainier

B. Matterhorn

C. Fuji

9.

{1, 1, 8, 11, 121}

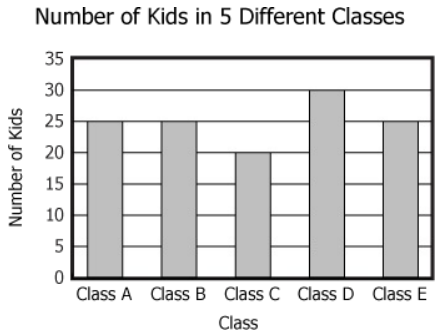
Which is greatest?

A. median

B. mean

C. mode

10.



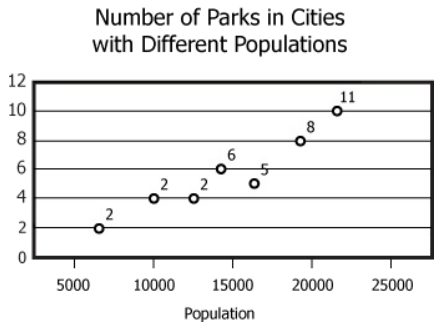
mode number of kids = ___

A. 25

B. 30

C. 20

11.



A city has 30,000 people.

About how many parks does it have?

A. 2

B. 15

C. 4

12.

Miles Per Gallon (mpg)		
	in City	on Highway
Honda	25 mpg	33 mpg
Toyota	28 mpg	34 mpg
Chevy	15 mpg	20 mpg
Lexus	24 mpg	32 mpg
Hummer	16 mpg	22 mpg

Hummer **mean** mpg = ___ mpg

A. 18

B. 19

C. 17

13.

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

range in hours = ___

A. 24 − 3 = 21

B. 16 × 9 = 144

C. 24 ÷ 3 = 8

14.

{3, 4, 2, 2, 7, 7}

Add a 46 to the set.

Which changes the most?

A. mean

B. mode

C. median

15.

Heart Rate	Racers
60 bpm	Jon
80 bpm	Skip
68 bpm	Hank
74 bpm	Jerry

The mean heart rate is 70.5 bpm.

Hank's rate changes to 70 bpm.

Now the **mean** is ___ bpm.

A. 71

B. 70

C. 72

16.

A: {1, 8, 10, 17, 19}

B: {5, 11, 13, 14, 16}

median of A ___ **median** of B

A. =

B. <

C. >