Math Data Analysis Nums Ops and Algebra 8_2

Student Name:_____   Date:_____

1.

Sports Fans

22%

50%

?%

Football
Basketball
Hockey

? = ___
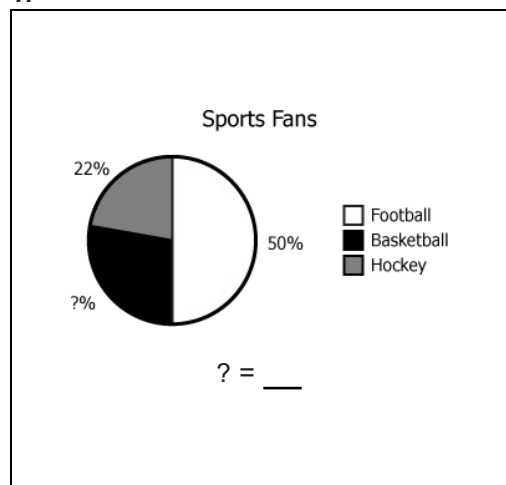
A. 14

B. 50

C. 28

2.

The difference between the high and low scores in a set is called the ___.

A. range

B. median

C. mode

3.

{1, 1, 8, 16, 44}

median = ___

A. 8

B. 1

C. 16

4.

$11 $16 $9

$14 $12 $11

mode cost = ___
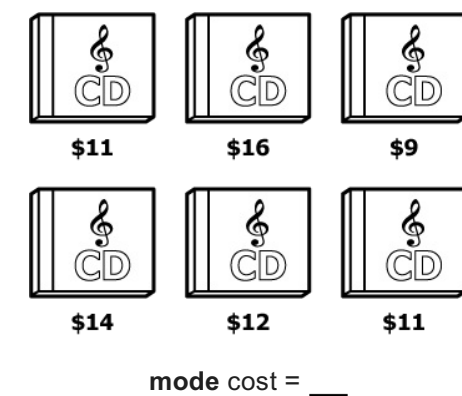
A. $16

B. $11

C. $14

5.

A: {1, 5, 3, 4, 70}

B: {50, 55, 78, 85, 95}

range of A ___ range of B

A. >

B. =

C. <

6.

{3, 2, 3, 1, 5}

{1, 5, 3, 3, 10}

Which is the same in both sets?

A. mean

B. range

C. median

7.

The number that occurs most often

is the ___.

A. range

B. mode

C. median

8.

{1, 4, 4, 4, 10}

{1 ,4, 4, 4, 5}

Which is different for the sets?

A. median

B. range

C. mode

9.

Number of Kids in 5 Different Classes

Kids in Class B ___ Kids in Class C
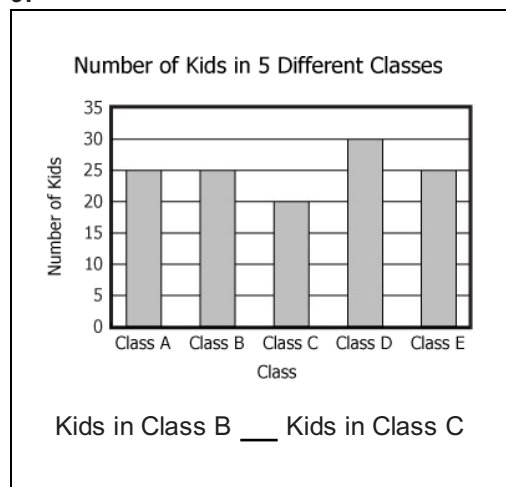
A. <

B. =

C. >

10.

Favorite Flavors

Flavors	Votes
raspberry	9
coconut	14
banana	11
cherry	31
grape	14

mean number of votes = ___

A. 14.1

B. 9.4

C. 15.8

11.

Jump Rope Count

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

median number of jumps = ___

A. 21

B. 17

C. 19

12.

You have $50.

You spend $25 on clothes, $10 on a movie, and the rest on a book.

Which shows how you spent?

13.

Dave's height is above the median.

Dave is ___ 50% of people.

A. the same as

B. taller than

C. shorter than

14.

{2, 2, 3, 3, 4, 4, 4, 5, 5}

Add a 4 to the set.

Which changes?

A. median

B. mean

C. mode

15.

{1, 5, 8, 99, 105}

range = ___

A. 44

B. 99

C. 104

16.

{1, 3, 7, 7, 12}

{3, 4, 5, 7, 11}

Which is the same for both sets?

A. mean

B. median

C. range