

## Math Data Analysis Nums Ops and Algebra 8\_5

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.

{4, 6, 7, 7, 7, 28, 32, 90}

median = \_\_\_\_

- A. 86
- B. 7
- C. 28

3.

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

The most calls were between  
\_\_\_\_ and \_\_\_\_ minutes.

- A. 22 – 33
- B. 11 – 21
- C. 1 – 10

2.

Popular Music

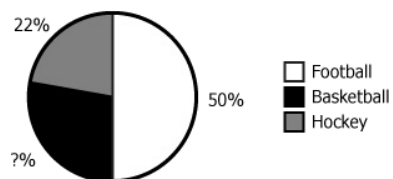
Music	Fans
Hip-Hop	40
Rock	30
Jazz	5
Western	15

Which music is 2 times as popular as Western?

- A. Hip-Hop
- B. Jazz
- C. Rock

4.

Sports Fans



What % of fans watch football and hockey?

- A. 72
- B. 24
- C. 58

5.

Bird	Number of Eggs
Chicken 1	4
Chicken 2	6
Chicken 3	11
Goose 1	7
Goose 2	4
Goose 3	4
Duck 1	2
Duck 2	1
Duck 3	6

mean of chicken eggs = \_\_\_\_

- A. 5
- B. 7
- C. 6

6.

Teams	Points
Purple	17
Green	4
Yellow	4
Pink	7

The mean score is 8.

Pink team scores 8 more points.

The **mean** \_\_\_\_.

- A. goes up
- B. stays the same
- C. goes down

7.

Skateboard Races

Speed	Number of Skaters
26 mph	1
14 mph	5
10 mph	2
3 mph	3
4 mph	1

Most skaters went \_\_\_\_ mph.

- A. 14
- B. 5
- C. 10

8.

{11, 1, 13, 3}

mean = \_\_\_\_

- A. 6
- B. 7
- C. 6.5

9.

Popular Music

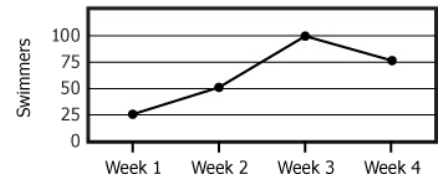
Music	Fans
Hip-Hop	40
Rock	30
Jazz	5
Western	15

The **mean** is about \_\_\_\_.

- A. 30
- B. 28
- C. 22

10.

Number of Swimmers per Week



**range** of swimmers per week = \_\_\_\_

- A. 100
- B. 25
- C. 75

11.

Candy Colors

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

**range** of numbers = \_\_\_\_

- A. 100
- B. 300
- C. 18

12.

{20, 21, 30, 31, 40}

Add a 100 to the set.

Which changes the most?

- A. mode
- B. mean
- C. median

13.

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

range of students per class = \_\_\_\_

- A. 36
- B. 20
- C. 16

14.

Monthly Income of 5 People	
Person A	\$1,200.00
Person B	\$1,500.00
Person C	\$1,500.00
Person D	\$3,000.00
Person E	\$52,000.00

mean income \_\_\_\_ income of Person D

- A. =
- B. >
- C. <

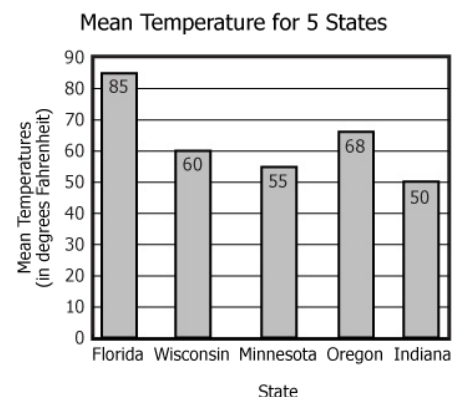
15.

Team Scores	
South	14
Jets	9
Blue Jays	26
Tigers	21
Bulls	18
Bulldogs	17
Eagles	14
Total Points	119

mean = \_\_\_\_

- A. 15
- B. 21
- C. 17

16.



Which state has the lowest mean temperature?

- A. Indiana
- B. Wisconsin
- C. Minnesota