NEWFOUNDLAND AND LABRADOR MATHEMATICS 2202 · UNIT E · 25 QUESTIONS

Statistics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The mean of 6, 8, 10, 12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The median of 2, 6, 9, 15, 18 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The range of 12, 3, 19, 6 is**

ANSWER _____

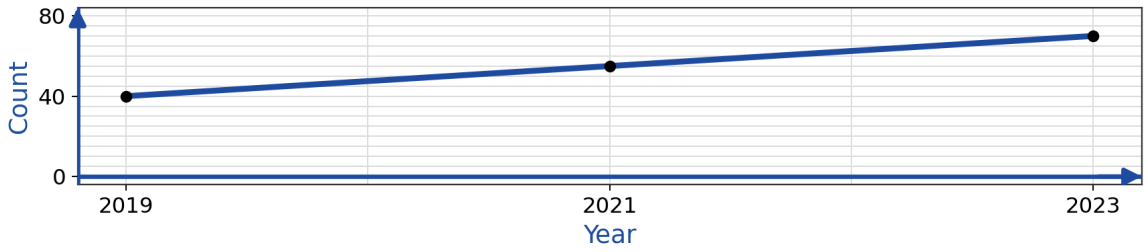
Understand It with Pulse | Flag a mistake

4 **The mode of 2, 2, 5, 7 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The graph shows a count over time. The count in 2021 was**



A 55

B 40

C 70

D 80

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6 **Review the key idea. The mean is found by**



A taking the middle value

B adding all values and dividing by how many there are

C taking the most common value

D subtracting the smallest from the largest

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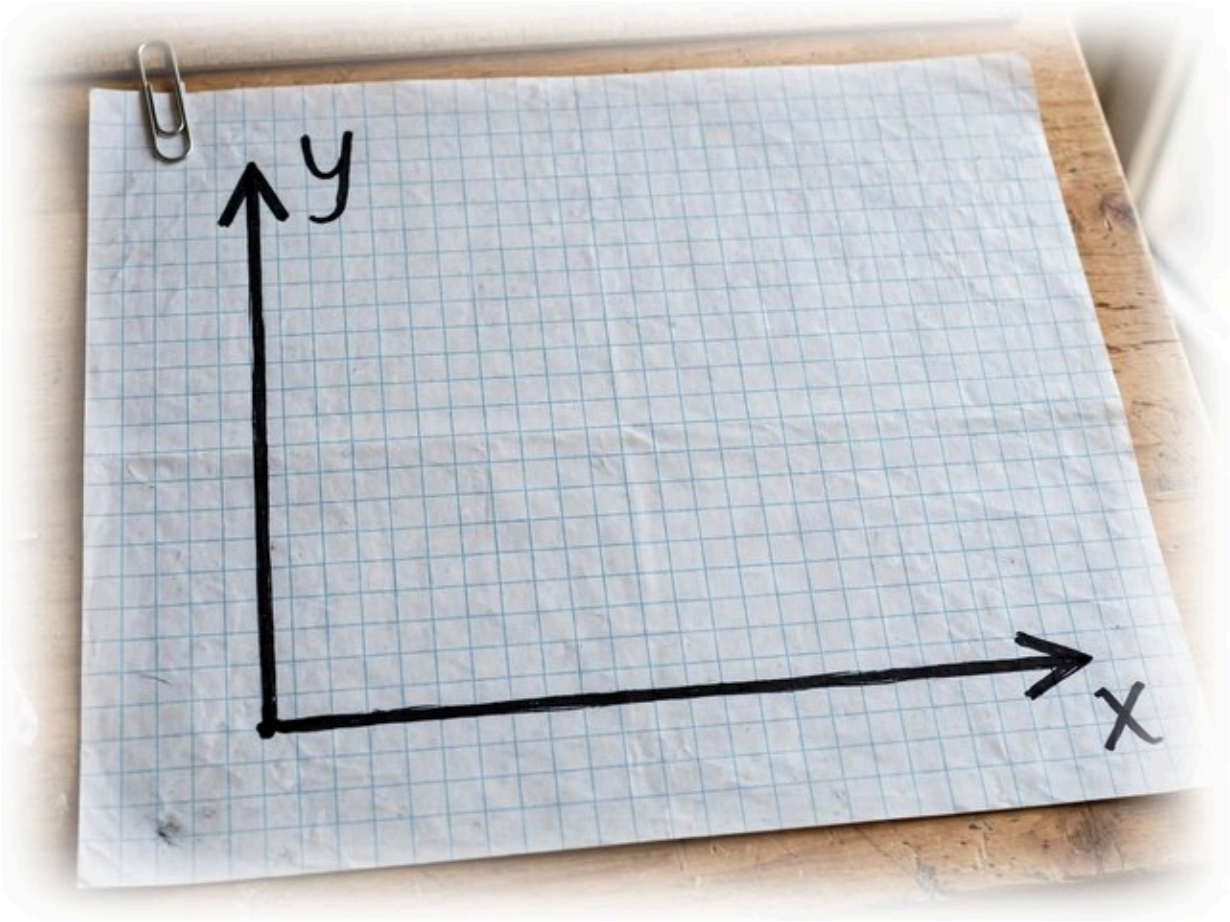
7 **In a survey, 45 of 180 people chose an option. The percent who chose it is**

ANSWER

Understand It with Pulse | Flag a mistake

8 **Start from the definition. A graph with a vertical axis that does not start at zero can**



A show exact values better

B remove all error

C guarantee a trend

D exaggerate differences

Understand It with Pulse | Flag a mistake

9 **Remember how the term is defined. A sample is**



A a part of a population chosen for study

B the whole population

C a single data value

D a graph of the data

Understand It with Pulse | Flag a mistake

10 **A data set of 4 values has mean 12. The sum of the values is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **In an ordered data set of 11 values, the median is the value in position number**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **Recall the rule. Compared with the mean, the median is usually**



A more affected by an outlier

B always larger

C always smaller

D less affected by an outlier

Understand It with Pulse | Flag a mistake

13 **In the data 5, 3, 5, 7, 5, the frequency of 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **An event occurs 1 time in 4 trials on average. Its probability as a percent is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **The mean of 5, 5, 10, 20 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **The median of 3, 8, 12, 20 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The range of 5, 20, 11, 8 is**

ANSWER _____

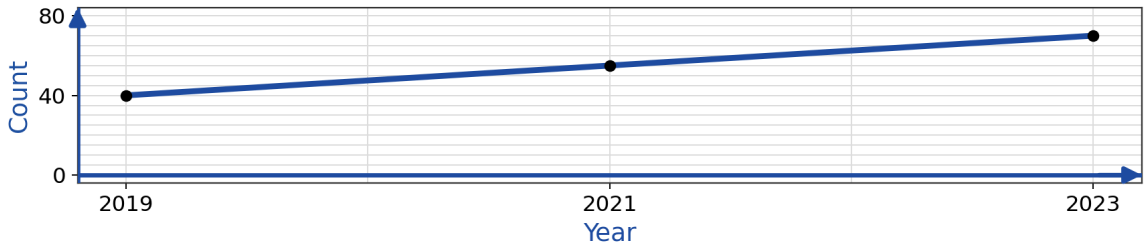
Understand It with Pulse | Flag a mistake

18 **The mode of 4, 4, 8, 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **Consider the concept in general. The graph shows a count over time. The count in 2021 was**



A 40

B 70

C 55

D 80

Understand It with Pulse | Flag a mistake

20 **Review the concept. The mean is found by**



A taking the middle value

B taking the most common value

C subtracting the smallest from the largest

D adding all values and dividing by how many there are

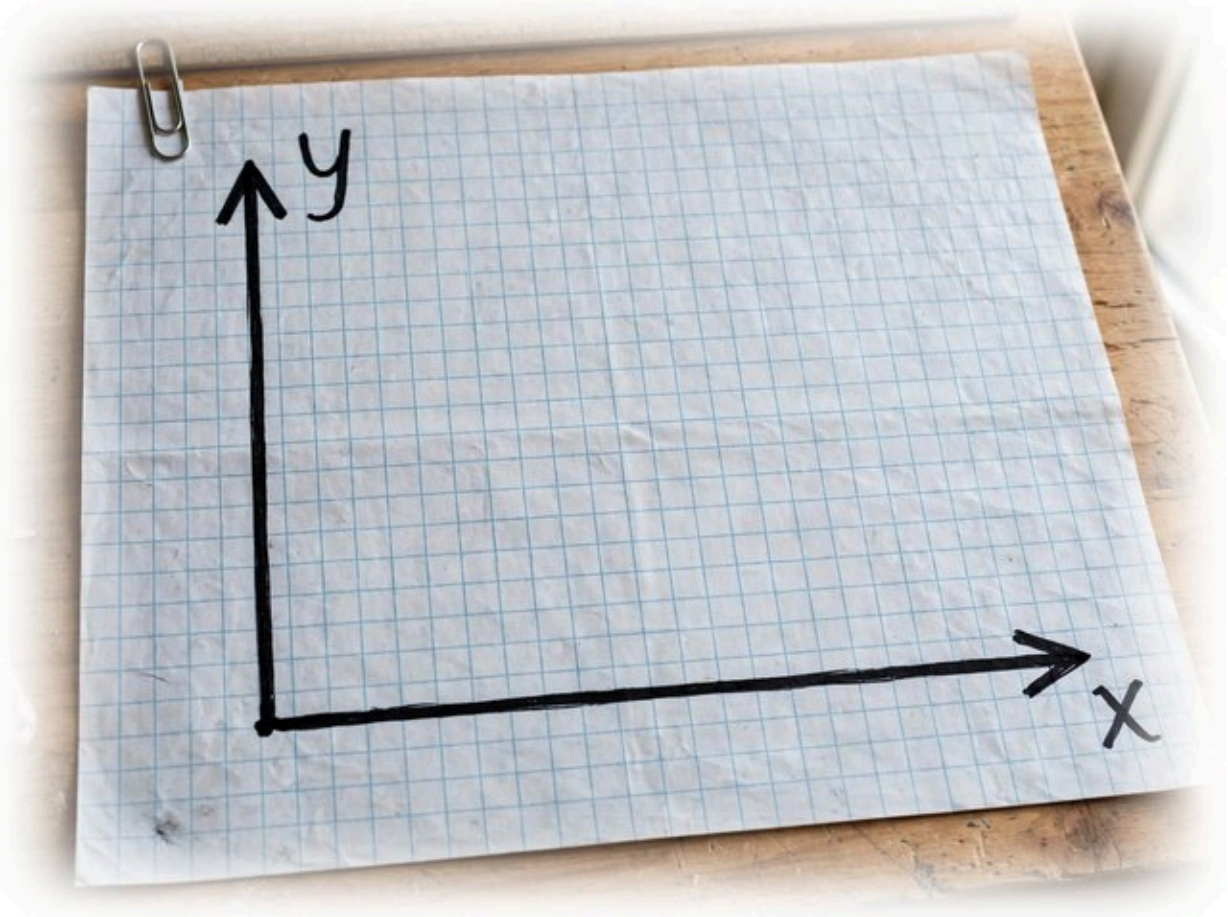
Understand It with Pulse | Flag a mistake

21 **In a survey, 30 of 120 people chose an option. The percent who chose it is**

ANSWER

Understand It with Pulse | Flag a mistake

22 **Recall the principle. A graph with a vertical axis that does not start at zero can**



A show exact values better

B exaggerate differences

C remove all error

D guarantee a trend

Understand It with Pulse | Flag a mistake

23 **Apply the principle. A sample is**

- A the whole population
- B a single data value
- C a part of a population chosen for study
- D a graph of the data

Understand It with Pulse | Flag a mistake

24 **A data set of 3 values has mean 15. The sum of the values is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **In an ordered data set of 9 values, the median is the value in position number**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	9	**10.**	48	**19.**	C
2.	9	**11.**	6	**20.**	D
3.	16	**12.**	D	**21.**	25
4.	2	**13.**	3	**22.**	B
5.	A	**14.**	25	**23.**	C
6.	B	**15.**	10	**24.**	45
7.	25	**16.**	10	**25.**	5
8.	D	**17.**	15		
9.	A	**18.**	4		

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