

Quizlet

NAME _____

5 Written questions

1. how close a series of measurements are to one another

2. an observed effect so large that it would rarely occur by chance

3. an organized way to ask questions using carefully developed methods and procedures

4. a factor in an experiment that can change, either intentionally (manipulated) or unintentionally (uncontrolled)

5. the act of conducting a controlled test or investigation

5 Matching questions

1. ____ hypothesis

2. ____ control

3. ____ measurement

4. ____ accuracy

5. ____ science

A. a standard against which other conditions can be compared in a scientific experiment

B. how close a measured value is to the true or real value

C. obtaining a number that tells the amount of something

D. study of the structure and behavior of the physical and natural world through observation and experiment.

E. A testable If, Then, Because prediction

5 Multiple choice questions

1. mutual relationship between two factors

- A. precision
- B. correlation
- C. observation
- D. conclusion

2. to make a careful guess related to the number, amount, or size
- A. science
 - B. variable
 - C. estimate
 - D. data
3. a summary of whether the results of the experiment support the hypothesis
- A. correlation
 - B. conclusion
 - C. precision
 - D. analysis
4. using one or more of the senses to gather information (taste, touch, see, hear or smell)
- A. precision
 - B. observation
 - C. estimate
 - D. correlation
5. the careful examination of data looking for patterns or trends that have meaning
- A. hypothesis
 - B. precision
 - C. conclusion
 - D. analysis