

THEORY, LAW, AND HYPOTHESIS IN SCIENCE

Instructions: Read each question and choose the correct answer that best explains the scientific concepts of theory, law, and hypothesis.

Question 1:

What is a scientific hypothesis?

ANSWER:



Question 2:

What is a scientific theory?

ANSWER:

Question 3:

What is a scientific law?

ANSWER:

Question 4:

Which of the following is an example of a hypothesis?

ANSWER:



Question 5:

Which of the following best describes a scientific law?

ANSWER:

Question 6:

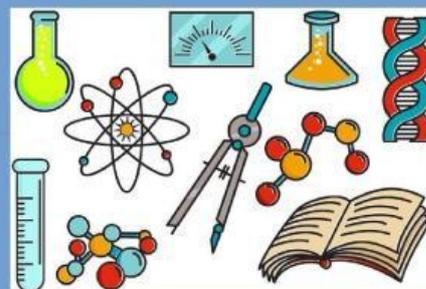
How is a theory different from a law?

ANSWER:

Question 7:

What is a characteristic of a scientific theory?

ANSWER:



Question 8:

Which of the following is an example of a theory?

ANSWER:

Question 9:

What does a scientist do with a hypothesis after conducting experiments?

ANSWER:

Question 10:

Which of the following is **not** true about a hypothesis?

ANSWER:



Aquí tienes 4 preguntas adicionales sobre las diferencias entre teoría, ley e hipótesis en ciencia, con tres opciones para cada una:

Question 11:

Which of the following statements is true about a scientific theory?

ANSWER:

Question 12:

What is the main purpose of a hypothesis in science?

ANSWER:



Question 13:

What happens if a hypothesis is supported by repeated experiments and observations?

ANSWER:

Question 14:

Which of the following best describes the relationship between a scientific law and a scientific theory?

ANSWER: