



Clara Science Academy

Parent/Student Homework Signature

SUBJECT:
HISTORY

Student Name:

Due: Friday, the 20th of February, 2026

Homework:

Students are to write 5-8 sentences for the Isaac Newton Worksheet and answer any and all multiple choice questions. The due date is Friday, the 20th of February, 2026.

Use the Rules for writing:

1. Each paragraph must be indented
2. Each sentence must begin with a different word
3. Each sentence must be a complete sentence.
4. Each paragraph must explain who, what, when, where, and how.
5. Each sentence must begin with a capital letter and end with either a period or exclamation mark.
6. The beginning of each sentence must have a capital letter.

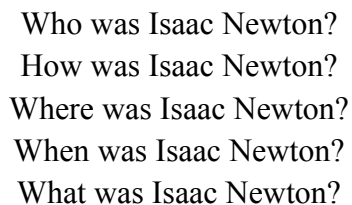
Parent Signature

Grade

Date



History Writing



Students are to answer the question(s) above in complete sentences.

5-8 Sentences

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Clara Science Academy

Homework on Isaac Newton

History Multiple Choice

1. On what significant day in 1642 was Isaac Newton born?

- A. Easter Sunday
- B. New Year's Day
- C. Christmas Day
- D. Michaelmas

2. Which mathematical field did Newton develop to describe continuous change and motion?

- A. Calculus
- B. Trigonometry
- C. Euclidean Geometry
- D. Linear Algebra

3. During his "year of miracles" at Woolsthorpe Manor, what force did Newton realize governed both falling apples and planetary orbits?

- A. Magnetism
- B. Universal Gravitation
- C. Inertia
- D. Centrifugal Force

4. What does Newton's Second Law of Motion ($F=ma$) mathematically define?

- A. Action and Reaction
- B. The Speed of Light
- C. The curvature of space-time
- D. The relationship between force, mass, and acceleration

5. Newton's "prism experiments" in 1666 were groundbreaking because they demonstrated that:

- A. White light is composed of all colors of the spectrum
- B. Light travels faster than sound
- C. Lenses are more efficient than mirrors
- D. Prisms create color out of darkness

6. Which prestigious scientific institution did Newton lead as President starting in 1703?

- A. The French Academy of Sciences
- B. The Royal Society
- C. Trinity College
- D. The Lunar Society

7. Outside of physics and math, Newton spent over a million words writing about which mystical pursuit?

- A. Astrology
- B. Alchemy
- C. Palmistry
- D. Phrenology

8. In his role as Master of the Mint, what was one of Newton's primary administrative focuses?

- A. Standardizing the British yard
- B. Negotiating trade treaties
- C. Prosecuting counterfeiters
- D. Managing the national debt

9. Why was the reflecting telescope Newton built in 1668 considered a major improvement over previous designs?

- A. It used a needle to improve focus
- B. It eliminated chromatic aberration by using mirrors instead of lenses
- C. It was the first to use a prism
- D. It was small enough to fit into a "quart mug"

10. Newton famously stated he saw further by standing on the "shoulders of Giants," but he had a notoriously bitter rivalry with which contemporary scientist?

- A. Robert Boyle
- B. Christopher Wren
- C. Robert Hooke
- D. Isaac Barrow

Date

Student Name