

Name Class Date **Ada Lovelace: Pioneering Computer Science**

Total questions: 9

Worksheet time: 5mins

Instructor name: Mrs. Iro Koliakou

1. With whom did Ada Lovelace collaborate on the Analytical Engine?
 - a) Augustus De Morgan
 - b) Charles Babbage
 - c) Albert Einstein
 - d) Isaac Newton

2. How did Ada Lovelace perceive mathematics during her journey?
 - a) Solely as a numerical domain
 - b) As a realm full of possibilities waiting to be explored
 - c) As a field devoid of any imaginative potential
 - d) As a subject confined to theoretical concepts

3. What is Ada Lovelace commemorated for annually?
 - a) Analytical Engine Anniversary
 - b) Ada's Algorithm Celebration
 - c) Byron Poetry Day
 - d) Ada Lovelace Day

4. What was Ada Lovelace's significant contribution to the realm of computing?
 - a) Inventing the first programming language
 - b) Writing the first published algorithm intended for machine implementation
 - c) Pioneering the concept of artificial intelligence
 - d) Development of the first computer

5. What serves as a testament to Ada Lovelace's enduring legacy in the field of computing?
 - a) Her extensive publications on mathematical theories
 - b) Her collaboration with numerous mathematicians
 - c) The development of the "Lovelace Programming Language"
 - d) The commemoration of Ada Lovelace Day



6. What was Ada Lovelace's visionary perspective regarding the Analytical Engine?
- a) Its inability to execute complex instructions
 - b) Its capacity to process symbolic information beyond numerical values
 - c) Its potential to only perform mathematical calculations
 - d) Its applications limited to engineering calculations
7. What was Ada Lovelace's educational background in relation to mathematics?
- a) She studied mathematics extensively at university
 - b) She focused solely on practical applications of mathematics
 - c) She learned mathematics through self-study and tutoring
 - d) She had no formal education in mathematics
8. How did Ada Lovelace's upbringing influence her interest in computing?
- a) She was exposed to advanced computing concepts from a young age
 - b) Her father's work in poetry inspired her to explore the analytical side of computing
 - c) She had limited exposure to computing until later in life
 - d) Her family discouraged her from pursuing interests in technology
9. What challenges did Ada Lovelace face in gaining recognition for her work in computing?
- a) Difficulty in adapting to rapidly changing technological advancements
 - b) Resistance from the scientific community due to her unconventional methods
 - c) Lack of support from her family and peers
 - d) Gender discrimination in the male-dominated field of technology

