



Women History Month

ADA LOVELACE BYRON

Reading Comprehension



COMPREHENSION QUESTIONS

6. When did Ada Lovelace's work gain recognition?
a) During her lifetime

COMPREHENSION QUESTIONS

NAME: _____

DATE: _____

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. When was Ada Lovelace born?
a) December 1, 1815
b) December 10, 1815
c) December 19, 1815
d) December 25, 1815

2. Ada Lovelace is considered a(n) _____.
a) Physician
b) Biologist
c) Computer programmer
d) Chemist

3. Who guided Ada Lovelace?
a) Charles Babbage
b) Lady Anne Isabella Byron
c) Alan Turing
d) Marie Curie

4. Ada Lovelace collaborated with _____.
a) Thomas Edison
b) Nikola Tesla
c) Charles Babbage
d) Alan Turing

5. What is Ada Lovelace known for?
a) Inventing the Analytical Engine
b) Creating the first computer program
c) Developing the first computer
d) Establishing the field of computer science

7. The Analytical Engine is named in honor of Ada Lovelace.

ADA LOVELACE BYRON



In our exploration of Women's History Month, we delve into the 19th century to celebrate Ada Lovelace Byron, an English mathematician and writer whose contributions laid the groundwork for the field of computer science. Born on December 10, 1815, Ada Lovelace is recognized as the world's first computer programmer.

Ada Lovelace's early education in mathematics, guided by her mother, Lady Anne Isabella Byron, set the stage for her groundbreaking work. Her collaboration with Charles Babbage, the inventor of the Analytical Engine, marked a pivotal moment in the history of computing.

Lovelace's most notable achievement was her work on translating an article about Babbage's Analytical Engine. In the process, she added extensive notes, including what is now considered the first published algorithm intended for implementation on a machine. Lovelace's visionary insights went beyond mere calculations; she foresaw the potential for computers to manipulate symbols and not just numbers, anticipating the concept of modern computer programming.

Ada Lovelace's contributions remained somewhat obscure during her lifetime, but her work gained recognition in the mid-20th century, leading to her being celebrated as a trailblazer in the field of computer science. The programming language "Ada" is named in her honor.

As we celebrate Women's History Month, let us take a moment to learn about Ada Lovelace, the power of women's voices, and the impact of their work on the world.

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NO-PREP

READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

Ready to Print

ADA LOVELACE BYRON



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Learning about Ada Lovelace opens a window into the origins of computer science, the power of mathematical thinking, and the potential for individuals to shape the future.

As we celebrate Women's History Month, Ada Lovelace Byron's legacy serves as a testament to the far-reaching impact of visionary thinkers, inspiring to explore the exciting possibilities within the world of mathematics and computing.

READING COMPREHENSION

COMPREHENSION QUESTIONS

- When did Ada Lovelace's work gain recognition?
 - During her lifetime
 - In the 18th century
 - In the mid-20th century
 - In the 21st century
- Which programming language is named in honor of Ada Lovelace?
 - Python
 - Java

EXTENSION QUESTIONS

DATE: _____

1. WRITE THE CORRECT ANSWER.

1. When was Ada Lovelace born?

2. Who is recognized as the world's first?

3. What was Ada Lovelace's most notable achievement in her early education in mathematics?

4. Who collaborated with Ada Lovelace on the Analytical Engine?

5. What is the Analytical Engine?

- Thomas Edison
- Nikola Tesla
- Charles Babbage
- Alan Turing

6. What is the Analytical Engine's most notable achievement?

- Inventing the Analytical Engine
- Creating the first computer
- Developing the first published algorithm for a machine
- Establishing the field of robotics

ANSWERS

- 10 December 1815
- 2) Computer programmer
- 3) Lady Anne Isabella Byron
- 4) Charles Babbage
- 5) a) Developing the first published algorithm
- 6) b) In the mid-20th century
- 7) a) Ada
- 8) a) Symbols
- 9) a) Modern computer programming
- 10) a) March

CLOSE READING GRAPHIC ORGANIZERS INCLUDED

GROUP ACTIVITY

TITLE OF TEXT _____

WHAT I THINK _____

ANNOTATING MARKS

- ✓ Circle powerful words or phrases.
- ✓ Underline words or phrases you do not understand.
- ✓ Place a question mark next to words or phrases that make you think.
- ✓ Write an example of something you learned.

SUMMARIZE

Write a summary of the passage. The main idea should be stated in your first sentence. Then use the four details to write four supporting sentences. Close your summary by restating the main idea.

NAME: _____

MAIN IDEA

TITLE OF TEXT _____

NAME: _____

MAIN IDEA _____

SUPPORTING DETAILS #1 _____

SUPPORTING DETAILS #2 _____

SUPPORTING DETAILS #3 _____

VOCABULARY GRAPHIC ORGANIZER

TITLE OF TEXT _____

NAME: _____

UNKNOWN WORD _____

UNKNOWN WORD _____

UNKNOWN WORD _____

CLUES FROM TEXT & MEANING _____

CLUES FROM TEXT & MEANING _____

CLUES FROM TEXT & MEANING _____