



Women History Month

WANG ZHENYI

Reading Comprehension



COMPREHENSION QUESTIONS

6. Which work by Wang Zhenyi challenged prevailing beliefs about celestial phenomena?

- a) Lunaris
- b) Lunar Eclipse
- c) Pure
- d) Copy

7. What areas did Wang Zhenyi explore?

COMPREHENSION QUESTIONS

NAME: _____

DATE: _____

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. Where and when was Wang Zhenyi born?
 - a) 8th century, Europe
 - b) 8th century, China
 - c) 17th century, India
 - d) 8th century, Japan
2. In which fields did Wang Zhenyi work?
 - a) Chemistry and biology
 - b) Mathematics and astronomy
 - c) Literature and philosophy
 - d) Medicine and engineering
3. What was one of Wang Zhenyi's major contributions?
 - a) The invention of a new type of clock
 - b) Exploration of ocean currents
 - c) Groundbreaking work in mathematics and astronomy
 - d) Contributions to classical Chinese literature
4. In what dynasty was Wang Zhenyi born?
 - a) Ming Dynasty
 - b) Qing Dynasty
 - c) Tang Dynasty
 - d) Song Dynasty
5. What societal challenges did Wang Zhenyi face?
 - a) Economic barriers
 - b) Gender barriers
 - c) Political barriers
 - d) Ethnic barriers

WANG ZHENYI



In our exploration of Women's History Month, we travel back in time to celebrate Wang Zhenyi, a pioneering mathematician and astronomer from ancient China. Born in the mid-8th century during the Qing Dynasty, Wang Zhenyi defied societal norms of her time to pursue knowledge and make significant contributions to science.

Wang Zhenyi's passion for learning led her to delve into a wide range of subjects, including mathematics, astronomy, and literature. In a time when education opportunities for women were limited, Wang Zhenyi's intellectual curiosity and determination allowed her to overcome gender barriers.

One of Wang Zhenyi's notable achievements was her work in mathematics and astronomy, where she made groundbreaking contributions to understanding lunar and solar eclipses. Her most renowned work, "The Explanation of a Lunar Eclipse," challenged prevailing beliefs and offered alternative explanations for celestial phenomena.

Wang Zhenyi's insights went beyond astronomy; she also explored areas such as mechanics and hydrodynamics. Her interdisciplinary approach to science was ahead of its time, showcasing her exceptional analytical skills and critical thinking.

Through her learning about Wang Zhenyi's intellectual contribution, we can appreciate the role of women in the history of science.

As we honor Women's History Month, let us celebrate the resilience and intellectual courage of women like Wang Zhenyi. Their contributions have shaped the current and future landscape of science and technology, enriching the diverse tapestry of human knowledge.

NO-PREP

READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

WANG ZHENYI



In our exploration of Women's History Month, we travel back in time to celebrate Wang Zhenyi, a pioneering mathematician and astronomer from ancient China. Born in the mid-18th century during the Qing Dynasty, Wang Zhenyi defied societal norms of her time to pursue knowledge and make significant contributions to science.

Wang Zhenyi's passion for learning led her to delve into a wide range of subjects, including mathematics, astronomy, and literature. In a time when education opportunities for women were limited, Wang Zhenyi's intellectual curiosity and determination allowed her to overcome gender barriers.

One of Wang Zhenyi's notable achievements was her work in mathematics and astronomy, where she made groundbreaking contributions to understanding lunar and solar eclipses. Her most renowned work, "The Explanation of a Lunar Eclipse," challenged prevailing beliefs and offered alternative explanations for celestial phenomena.

Wang Zhenyi's insights went beyond astronomy; she also explored areas such as mechanics and hydrodynamics. Her interdisciplinary approach to science was ahead of its time, showcasing her exceptional analytical skills and critical thinking.

Learning about Wang Zhenyi opens a window to ancient China, highlighting the intellectual contributions of women in a historical context.

As we honor Women's History Month, Wang Zhenyi's legacy reminds us of the resilience and intellectual prowess of women throughout history, inspiring current and future generations to break barriers and contribute to the diverse tapestry of human knowledge.

READING COMPREHENSION

COMPREHENSION QUESTIONS

- Which work by Wang Zhenyi challenged prevailing beliefs about celestial phenomena?
 - The Exploration of Mechanics
 - The Explanation of a Lunar Eclipse
 - The Treatise on Literature
 - The Inquiry into Philosophy
- What interdisciplinary areas did Wang Zhenyi explore?
 - Sociology and anthropology

ANSWERS

DATE: _____

1. THE CORRECT ANSWER

Wang Zhenyi born?

1. a

2. b

3. c

4. d

Wang Zhenyi make significant contributions?

1. a

2. b

3. c

4. d

Wang Zhenyi's notable achievements?

1. a

2. b

3. c

4. d

4. In what dynasty was Wang Zhenyi born?

- Ming Dynasty
- Qing Dynasty
- Tang Dynasty
- Song Dynasty

5. What societal challenges did Wang Zhenyi overcome to pursue knowledge?

- Economic barriers
- Gender barriers
- Political barriers
- Ethnic barriers

Ready to Print

ANSWERS

1. a) 18th century, China
2. b) Mathematics and astronomy
3. c) Groundbreaking work on lunar and solar eclipses
4. b) Qing Dynasty
5. b) Gender barriers
6. b) The Explanation of a Lunar Eclipse
7. c) Mechanics and hydrodynamics
8. b) They were exceptional
9. c) Ancient China
10. a) Breaking barriers and contributing to knowledge

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 exclamation point next to something interesting.

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 _____