Women History Month

JULIA BOWMAN ROBINSON

Reading Comprehension

COMPREHENSION QUESTIONS

NAME:_____ DATE:_____

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. Where was Julia Bowm
   a) Berkeley, California
   b) St. Louis, Missouri
   c) New York City, New
   d) Chicago, Illinois

2. In which year did Julia
   a) 1940
   b) 1948
   c) 1955
   d) 1962

3. Julia Bowman Robinson
   solving which mathematic
   a) Fermat's Last Theo
   b) Hilbert's Tenth Prob
   c) The Riemann Hypoth
   d) The Goldbach Conje

4. What was the topic of
   a) Algebraic Geometry
   b) Decision problems ar
   c) Number theory
   d) Calculus of Variatio

5. Who were Julia Bowm
   a) Euclid and Ptolemy
   b) Martin Davis and Hil
   c) David Hilbert and He
   d) Isaac Newton and G

6. In what field did Julia Bowman Robinson make significant contributions
   to her doctoral thesis?

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In our journey through Women's History Month, we celebrate Julia Bowman Robinson, a trailblazing mathematician whose groundbreaking work left an indelible mark on the field. Born on December 8, 1919, in St. Louis, Missouri, Robinson's contributions to mathematics include groundbreaking research and a tireless commitment to advancing the role of women in academia.

Robinson's early passion for mathematics led her to pursue a Ph.D. at the University of California, Berkeley, where she became the first woman to receive a doctorate in mathematics in 1948. Her doctoral thesis, which tackled questions related to decision problems and mathematical logic, laid the foundation for her later groundbreaking contributions.

One of Robinson's most significant achievements came in the field of number theory. In collaboration with mathematicians Martin Davis and Hilary Putnam, she solved a major mathematical problem known as Hilbert's Tenth Problem. This problem, posed by David Hilbert in 1900, had stumped mathematicians for decades. Robinson's work established connections between mathematical logic and number theory, advancing our understanding of both fields.

Throughout her career, Robinson broke barriers as a female mathematician in a male-dominated field. She held academic positions at esteemed institutions, including the University of California, Berkeley, and Rutgers University. Her dedication to mathematical research, coupled with her advocacy for gender equality in academia, i generat
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As we celebrate Women's History Month, Julia Bowman Robinson's story inspires to embrace their interests, challenge stereotypes, and recognize the valuable contributions of women in shaping the landscape of mathematics.

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READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

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Throughout her career, Robinson broke barriers as a female mathematician in a male-dominated field. She held academic positions at esteemed institutions, including the University of California, Berkeley, and Rutgers University. Her dedication to mathematical research, coupled with her advocacy for gender equality in academia, paved the way for future generations of women in mathematics.

learning about Julia Bowman Robinson introduces them to the world of advanced mathematics and the importance of perseverance in pursuing one's passion.

As we celebrate Women's History Month, Julia Bowman Robinson's story inspires to embrace their interests, challenge stereotypes, and recognize the valuable contributions of women in shaping the landscape of mathematics.

COMPREHENSION QUESTIONS

6. In what field did Julia Bowman Robinson make significant contributions related to her doctoral thesis?
   a) Astrophysics
   b) Chemistry
   c) Mathematical Logic
   d) Biology

7. Julia Bowman Robinson's groundbreaking achievements were in collaboration with mathematicians from which institutions?

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d by Julia Bowman Robinson

ing her career?

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DATE:_____

E THE CORRECT ANSWER.

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lia Bowman Robinson receive her Ph.D. in mathematics?

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4. What was the topic of Julia Bowman Robinson's doctoral thesis?
   a) Algebraic Geometry
   b) Decision problems and mathematical logic
   c) Number theory
   d) Calculus of Variations

5. Who were Julia Bowman Robinson's collaborators in solving Hilbert's Tenth Problem?
   a) Euclid and Ptolemy
   b) Martin Davis and Hilary Putnam
   c) David Hilbert and Henri Poincaré
   d) Isaac Newton and Gottfried Leibniz

ANSWERS

1. b) St. Louis, Missouri
2. b) 1948
3. b) Hilbert's Tenth Problem
4. b) Decision problems and mathematical log
5. b) Martin Davis and Hilary Putnam
6. c) Mathematical Logic
7. c) University of California, Berkeley, and R
8. c) 1960s
9. b) Gender equality in academia
10. b) She inspired future generations of wome

READING COMPREHENSION

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