



VALPARAISO
UNIVERSITY

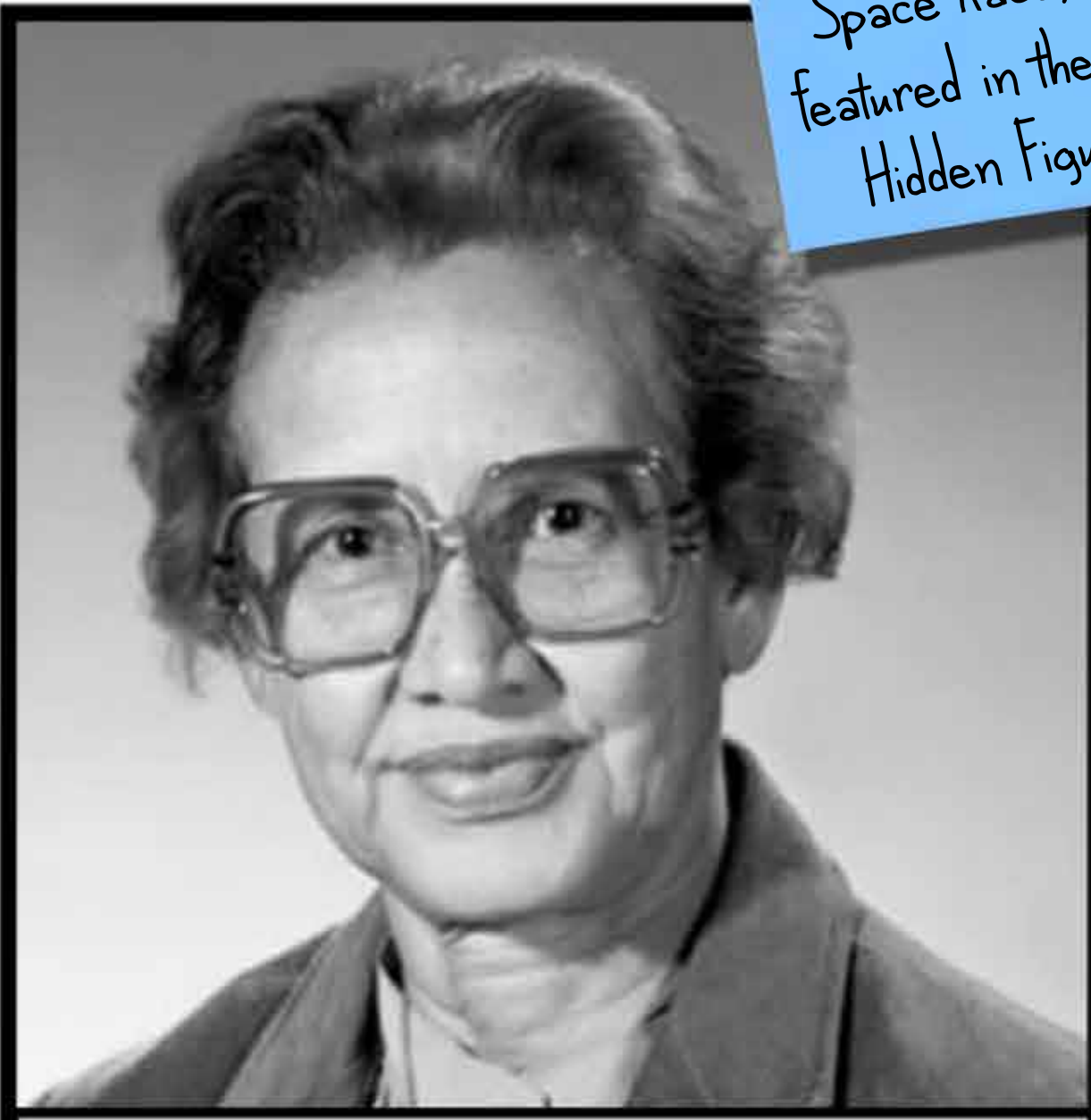


Sophie Germain's parents took away heat and light to discourage her from studying math at night! She later proved some cases of Fermat's Last Theorem.



Florence Nightingale developed a new form of a graph to represent data on deaths of soldiers during the Crimean War, to advocate for better field hospital conditions

These women, who helped with the Space Race, were featured in the movie Hidden Figures.



Katherine G. Johnson-1983-NASA



Dorothy J. Vaughan-NASA



Mary W. Jackson- NASA

By 1945, of the 20,000 US codebreakers during WWII, over half were women. These women decoded intercepted messages which helped to shorten the war and save lives.



Ada Lovelace is credited with writing the first computer program.



MATHEMATICS & STATISTICS

MATH 290/HIST 390 History of Women in Mathematics

In this course you will learn about women who have contributed to the development of mathematics and solve problems based on their work. We will discuss the scientific education of women, biographies of women mathematicians, mathematics the women developed, codebreaking during World War II, and the current situation for women in mathematics. A connecting theme throughout the course will be the obstacles and challenges women overcame to study mathematics and the support they received from their friends and family.



Can fulfill a humanities general education requirement or a math major/minor elective requirement