Ada Lovelace was one of the first computer programmers and is known for writing the first computer program, the Analytical Engine.

Sophie Germain worked on number theory and the theory of elasticity, and she was the first woman admitted to the École Normale.

Mary Cartwright was a mathematician and a politician. She studied ergodic theory, probability, number theory, and analysis, especially lifting theory. She worked on partial differential equations, probability, and number theory, and was a professor at Northwestern University.

Katherine Johnson was a mathematician who worked at NASA. She was one of the first African-American women to receive a PhD in mathematics. She studied Groups and Topology, and promoted further education for secondary teachers.

Maryam Mirzakhani solved the sphere-packing problem in 2D and 3D. She has received numerous awards, including the New Horizons Prize and the Clay Research Award.