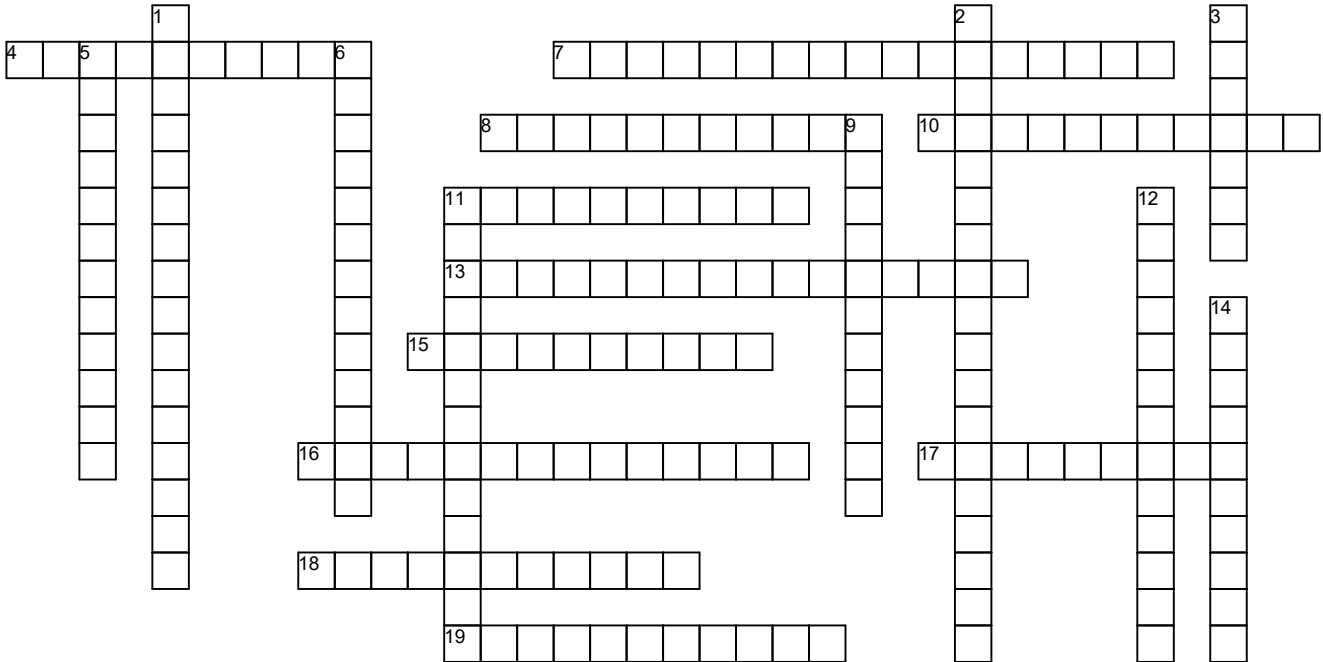


Famous Women Scientists Crossword Puzzle

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

4. Paleontologist known for her discoveries of Jurassic marine fossils, including ichthyosaurs and plesiosaurs.
7. Cytogeneticist and Nobel laureate known for her discovery of genetic transposition.
8. Mathematician and writer who is often regarded as the world's first computer programmer.
10. Primatologist known for her groundbreaking research on chimpanzees in Tanzania's Gombe Stream National Park.
11. Geologist and oceanographic cartographer who created the first scientific map of the Atlantic Ocean floor.
13. Chemist and X-ray crystallographer whose work was critical in the discovery of the structure of DNA.
15. Astronaut and physician, she became the first African-American woman to travel in space.
16. Chemist and Nobel laureate known for her development of protein crystallography, revealing the structure of important biochemical substances.
17. Physicist and astronaut, she became the first American woman in space aboard the Space Shuttle Challenger.
18. Computer scientist and US Navy rear admiral known for her pioneering work in computer programming languages, particularly COBOL.
19. Physicist who contributed to the discovery of nuclear fission but was overlooked for the Nobel Prize.

DOWN

1. Mathematician whose calculations were critical to the success of NASA's early space missions, including John Glenn's orbit around Earth.
2. Neurobiologist who won the Nobel Prize in Physiology or Medicine for her discovery of nerve growth factor.
3. Ancient Greek mathematician, astronomer, and philosopher, one of the earliest recorded female mathematicians.
5. Marine biologist and conservationist whose book "Silent Spring" sparked the modern environmental movement.
6. Biochemist and pharmacologist who won the Nobel Prize in Physiology or Medicine for her development of drugs to treat leukemia and malaria.
9. Mathematician known for her contributions to abstract algebra and theoretical physics, particularly Noether's theorem.
11. Astronomer who discovered a comet in 1847, becoming the first American woman to do so.
12. Experimental physicist known for her work on the Manhattan Project and her groundbreaking experiments disproving the law of conservation of parity.
14. Pioneer in radioactivity research, she was the first woman to win a Nobel Prize and the only person to win Nobel Prizes in two different scientific fields.

Chien-Shiung Wu
Marie Curie
Rita Levi-Montalcini
Barbara McClintock
Rachel Carson
Jane Goodall
Dorothy Hodgkin
Gertrude Elion
Maria Mitchell
Marie Tharp

Mae Jemison
Rosalind Franklin
Emmy Noether
Mary Anning
Sally Ride
Grace Hopper
Katherine Johnson
Lise Meitner
Hypatia
Ada Lovelace