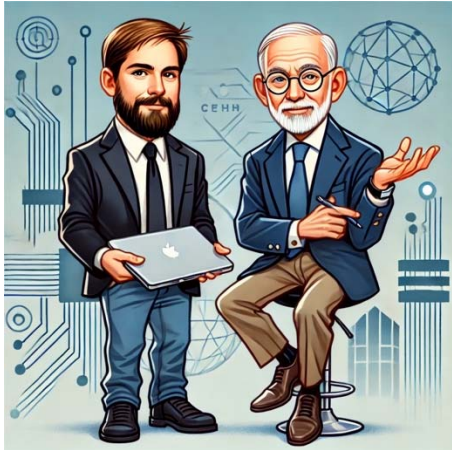


Name _____

Vint Cerf & Bob Kahn: The Fathers of the Internet



Today, people around the world use the Internet to learn, talk to friends, and watch videos. But did you know that the Internet would not exist without two important inventors—Vint Cerf and Bob Kahn? These two brilliant engineers worked together to create the technology that allows computers to connect and share information across the world.

Early Life and Education

Vint Cerf was born on June 23, 1943, in Connecticut, USA. He was very interested in computers and science from a young age. Even though he had hearing problems, he never let that stop him from learning. He

went to Stanford University to study math and computer science.

Bob Kahn was born on December 23, 1938, in New York, USA. He also loved math and science. He studied electrical engineering and later worked on ways to improve how computers communicated with each other.

Even though they came from different backgrounds, they both wanted to solve the same problem—how can computers talk to each other over long distances?

Creating the Internet

In the 1970s, computers were not connected the way they are today. Scientists and engineers needed a way to send data (information) between computers, even if they were far apart.

Bob Kahn came up with an idea for a network that could send messages between computers. He knew he needed help to make it work, so he teamed up with Vint Cerf. Together, they invented a special set of rules called TCP/IP (Transmission Control Protocol / Internet Protocol). These rules help computers send and receive data quickly and correctly.

Their invention was a huge breakthrough! It became the foundation of the modern Internet, allowing computers all over the world to connect.

Challenges and Achievements

At first, not everyone believed that their idea would work. Computers were very different in those days, and many people thought it would be impossible to create a worldwide network. But Cerf and Kahn never gave up. They tested and improved their technology, and in 1983, the Internet officially went live using TCP/IP. Since then, the Internet has grown bigger and faster. Today, we use it for almost everything—school, work, entertainment, and communication.

Legacy of Cerf and Kahn

Because of their incredible work, Vint Cerf and Bob Kahn are known as the "Fathers of the Internet." They won many awards for their invention, including the Presidential Medal of Freedom. Even today, they continue to work on making the Internet safer and better for everyone. Their invention changed the world, making it easier for people to share knowledge and stay connected.