



GREAT INVENTIONS

THE TELEVISION



Yesterday I was surfing the internet, and I turned to see the television. I have to admit that I don't watch it much because I don't have time. But yesterday afternoon, they were presenting a program about the invention of the TV. I discovered that this modern device has an interesting history.

In 1884, a Polish-German engineer and inventor named Paul Nipkow developed a piece called the Nipkow disk. That disc was used in 1924 by the inventor Scottish John Logie Baird, who managed to broadcast a flickering image for the first time. In January 1926, Baird gave the first public demonstration of his television system. The character he used for the demonstration was a ventriloquist's puppet named Bill that talked and moved. So, Bill became the first character to appear on a television screen.



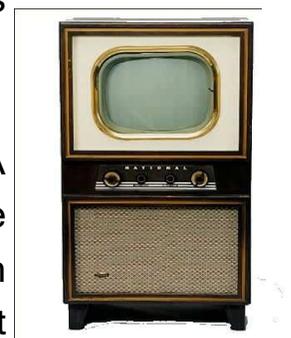
John Logie Baird

In April 1927, Bell Labs and American Telephone and Telegraph, Inc., AT&T, made the first long-distance television broadcast between two of its telephone stations, one in New York and the other in Washington, D.C. in the United States. The distance between the two stations was 330 km.



1931 Television

Baird considered that a challenge. A month later, in May 1927, he transmitted a broadcast signal an even longer distance. That signal was sent 705 km over a telephone wire from London to Glasgow.



During 1930, the German Post Office was working on a new television broadcasting system. Before Adolf Hitler became Chancellor, John Logie Baird was invited by the German scientists to help them set up a television system in Germany. With Baird's help, Germany was the first country to have a cable television network. The 1936 Olympic games were the first televised in Berlin and other nearby cities.



In 1934, a group of researchers from the RCA company, led by Vladimir Zworykin, introduced television electronics with a device called an iconoscope. This was one of the predecessors of modern television cameras. It was also the most used camera for television station transmissions in the United States between 1936 and 1946.

Over time, the change in analog television led to digital television. Then, high definition televisions were manufactured. Finally, the development of satellite broadcasting, internet television, and even enjoying television in 3D has happened.



When I finished watching the program, I turned off the television and started thinking about how much we have evolved in terms of technology. Perhaps, it won't be long before we are doing things that seem impossible or unattainable.



Name _____

Date _____



THE TELEVISION



Answer the questions.

1. When was the Nipkow disk invented?
 - a. 1884
 - b. 1924
 - c. 1926
 - d. 1927
2. What was the name of the first character to appear on a TV screen?
 - a. Nipkow
 - b. Logie
 - c. Baird
 - d. Bill
3. How far was the first long-distance television broadcast?
 - a. 1927 km
 - b. 330 km
 - c. 705 km
 - d. one month after
4. What did Baird feel when he heard about the long distance transmission?
 - a. happy
 - b. annoyed
 - c. challenged
 - d. sad
5. Who invited Baird to Germany?
 - a. Paul Nipkow
 - b. Bell Labs
 - c. German scientists
 - d. Adolf Hitler
6. What was the first country to have a cable television network?
 - a. U.S
 - b. Germany
 - c. Britain
 - d. Poland
7. Who led the group that developed electronic television?
 - a. Paul Nipkow
 - b. John Logie Baird
 - c. Bell labs
 - d. Vladimir Zworykin
8. What was the name of the electronic device RCA introduced?
 - a. RCA Camera
 - b. Glasgow Chamber
 - c. iconoscope
 - d. ElecCam RCA
9. Which television system is older?
 - a. digital TV
 - b. analog TV
 - c. satellite TV
 - d. internet television
10. What inventions do you think will be developed in the future? Write two ideas.

