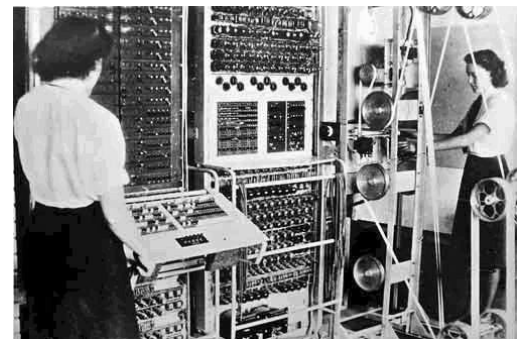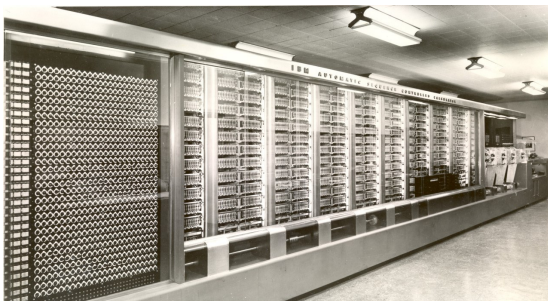# GREAT INVENTIONS
THE COMPUTER

Have you ever wondered who invented the computer? Do you know how it was invented? What did they use computers to do? Keep reading to find the answers.

In 1938, the German engineer Konrad Zuse finished the first computer, the Z1. It was electromechanical, and punched tapes were used to program it. When World War II began in 1939, computers were used in some areas of the war. England had built the Colossus Mark I and Colossus Mark II computers by 1944. England used these computers to decipher communications sent by the Germans and thus achieved victory. In that same year, the IBM company built the Harvard Mark I electromechanical computer. These first computers filled large rooms and weighed several tons, making them impossible to transport.

In 1947, two years after the war, scientists from the University of Pennsylvania built the ENIAC, the first generation of computers.

In 1953, IBM manufactured its first computer to industrial scale, the IBM 650. Transistors replaced valves in this computer marking the beginning of the second generation of computers.

1.

In 1964, the third generation IBM 360 computer used integrated circuits instead of transistors. Although computers had evolved a great deal, they were still slow and did not have much memory. The processers were complicated and expensive. The screens were black and white and did not have graphics.

In 1971, Intel introduced the first commercial processor with a microprocessor chip, the Intel 4004. The fourth-generation computer was born.

Paul Allen and Bill Gates founded Microsoft four years later in 1975. In 1976, Steve Jobs, Steve Wozniak, and other friends founded Apple. Apple was named in honor of Isaac Newton, who proposed the theory of gravity.

In 1983, ARPANET separated from the US military branch and was approved for public use, which gave rise to the internet.

In 1985, Microsoft introduced the Windows 1.0 operating system. In 2000, pocket computers appeared, the first PDAs.

In 2007, Steve Jobs introduced the first iPhone, the first smartphone.

What about you? Do you have a computer? Is it the last generation?

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THE COMPUTER

Answer the questions.

1. What was the name of the first computer?
    a. Konrad Zuse
    b. Z1
    c. Colossus Mark I
    d. Harvard Mark I

2. What were the Colossus computers used for in England?
    a. to develop medications
    b. for Harvard students
    c. to decrypt enemy communications
    d. to develop weapons

3. The ENIAC belonged to the _____.
    a. zero generation
    b. first generation
    c. second generation
    d. third generation

4. In the second generation_____.
    a. the circuits are replaced
    b. the industrial scale is replaced
    c. the transistors are replaced
    d. the valves are replaced

5. What change brought about the third generation computer?
    a. integrated circuits
    b. integrated valves
    c. integrated transistors
    d. built-in Wi-fi

6. When did the fourth generation of computers begin?
    a. 1964
    b. 1971
    c. 1975
    d. 1976

7. Who founded Microsoft?
    a. Paul Allen and Steve Wozniak
    b. Steve Jobs and Steve Wozniak
    c. Paul Allen and Bill Gates
    d. Steve Jobs and Bill Gates

8. What was the name of the internet when it was military?
    a. Colossus
    b. IBM 650
    c. ARPANET
    d. Intel 4004

9. When was the Microsoft Windows 1.0 operating system introduced?
    a. 1975
    b. 1976
    c. 1983
    d. 1985

10. What did Steve Jobs introduce in the year 2007?

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   _____

   _____