

Directions: Pick an invention and research it to find the answers to the given questions.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

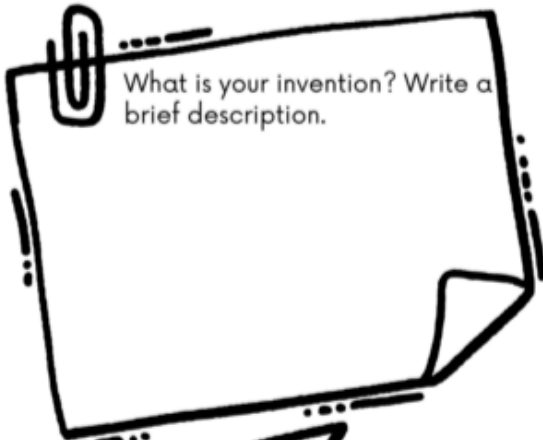
## *25 Most Impactful American Inventions*

### THE AMERICAN ECONOMY'S EVOLUTION

1. **Cotton Gin (1794)** - Invented by Eli Whitney, revolutionized the cotton industry and had profound economic and social impacts.
2. **Telegraph (1837)** - Samuel Morse's invention changed long-distance communication.
3. **Vulcanized Rubber (1839)** - Developed by Charles Goodyear, it led to the creation of durable rubber products.
4. **Sewing Machine (1846)** - Invented by Elias Howe, it revolutionized the clothing industry.
5. **Safety Pin (1849)** - Invented by Walter Hunt, an everyday essential.
6. **Rotary Printing Press (1843)** - Richard Hoe's invention allowed for high-speed printing on a large scale.
7. **Telephone (1876)** - Alexander Graham Bell's invention transformed personal and business communication.
8. **Phonograph (1877)** - Thomas Edison's invention was the first to record and reproduce sound.
9. **Light Bulb (1879)** - Also by Thomas Edison, it profoundly changed human living conditions.
10. **Electricity Distribution System (1882)** - Edison's work in electricity distribution made electrical power widely accessible.
11. **Skyscrapers (1884)** - The Home Insurance Building in Chicago, designed by William Le Baron Jenney, pioneered the use of steel-frame construction.
12. **Airplane (1903)** - The Wright brothers' invention changed the face of global transportation and warfare.
13. **Assembly Line (1913)** - Refined by Henry Ford for automobile manufacturing, it revolutionized mass production.
14. **Television (1927)** - Philo Farnsworth's invention changed entertainment and news dissemination.
15. **Electrocardiogram (EKG) (1924)** - Developed by Willem Einthoven, it became crucial in cardiac care.
16. **Nuclear Reactor (1942)** - Enrico Fermi's creation in Chicago, pivotal in energy and warfare.
17. **Transistor (1947)** - Invented at Bell Labs, it's fundamental to all modern electronics.
18. **Integrated Circuit (1958)** - Jack Kilby and Robert Noyce's invention, key to the microelectronics revolution.
19. **Laser (1960)** - Theodore Maiman's invention has numerous applications in different fields.
20. **ARPANET (1969)** - The precursor to the Internet, developed by a team funded by the U.S. Department of Defense.
21. **Global Positioning System (GPS) (1973)** - A navigation system developed by the U.S. Department of Defense.
22. **Personal Computer (1970s-1980s)** - With companies like Apple and IBM, it revolutionized the way we work and live.
23. **Mobile Phone (1973)** - Invented by Martin Cooper at Motorola, it transformed personal communication.
24. **Internet (1983)** - The network of networks, fundamentally changing communication and information access.
25. **Smartphone (2007)** - Popularized by Apple's iPhone, it combined computing and communication in a handheld device.

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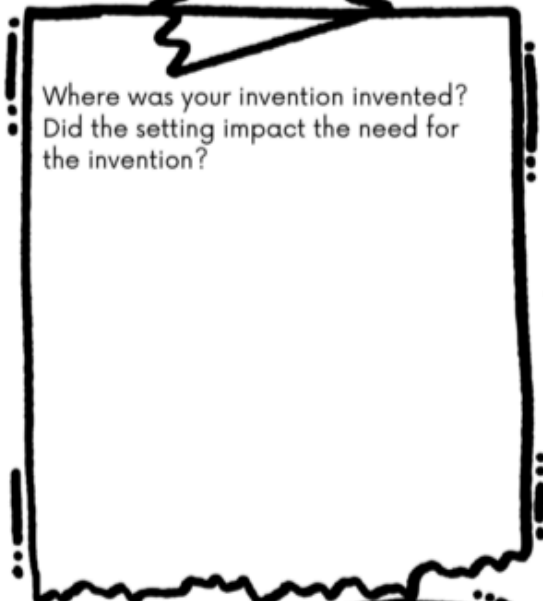
# Invention



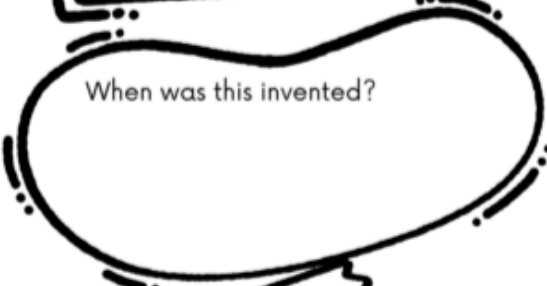
What is your invention? Write a brief description.



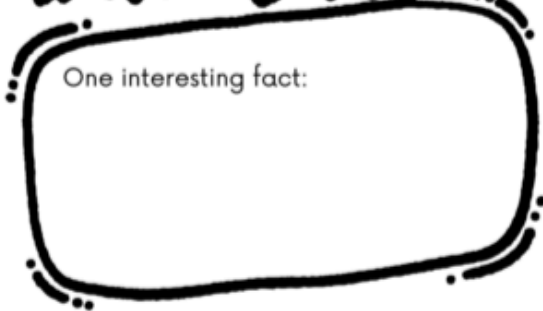
Who invented it? Write a few facts about them.



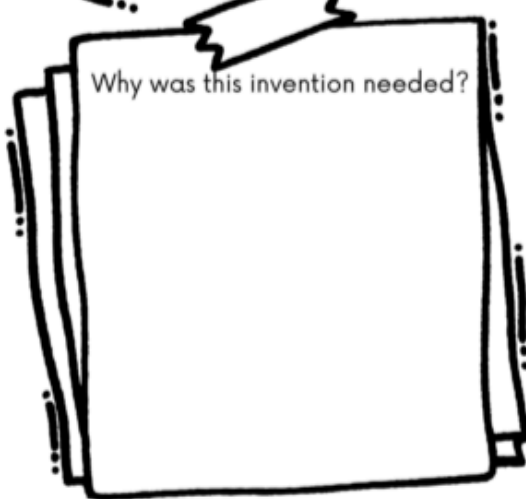
Where was your invention invented?  
Did the setting impact the need for the invention?



When was this invented?



One interesting fact:



Why was this invention needed?