

Name _____

AI Timeline Gaps

Artificial Intelligence (AI) has a history stretching back more than 70 years. From its origins in mathematics and logic, through moments of great optimism, setbacks known as "AI winters," and finally to today's breakthroughs in machine learning, AI has developed in ways early pioneers could only imagine.



This worksheet presents you with a timeline of major AI events. However, **some names and events are missing**. Your task is to research (using your notes, textbooks, or trusted sources) and fill in the gaps. This exercise will help you understand the **flow of AI history** and how different discoveries connect to one another.

Timeline of Artificial Intelligence (with Gaps)

(1950) _____ publishes "Computing Machinery and Intelligence," introducing the idea of the Turing Test.

(1956) _____ Conference at Dartmouth College – considered the official "birth of AI."

(1958) Frank Rosenblatt invents the _____, an early model of neural networks.

(1966) _____ creates ELIZA, one of the first chatbots.

(1969) Marvin Minsky and Seymour Papert publish *Perceptrons*, which criticizes early neural networks.

Development of early Expert Systems such as _____ and DENDRAL.

First "AI Winter" begins due to limited computing power and unmet expectations.

Backpropagation algorithm revives interest in _____ networks.

Expert systems expand into business and industry.

(1997) IBM's _____ defeats world chess champion Garry Kasparov.

Growth of _____ and improved computing power make machine learning more practical.

(2011) IBM's _____ wins on *Jeopardy!* against human champions.

(2016) _____'s AlphaGo defeats world Go champion Lee Sedol.

(2020) OpenAI releases _____, a large-scale language model with billions of parameters.

(2023) AI-powered tools like ChatGPT gain mainstream attention.