Name _____

AI Timeline Gaps Answer Key

1950s

- Alan Turing publishes "Computing Machinery and Intelligence," introducing the Turing Test.

- Dartmouth Conference at Dartmouth College – considered the official "birth of AI."

- Frank Rosenblatt invents the **Perceptron**, an early neural network model.

1960s

- Joseph Weizenbaum creates **ELIZA**, one of the first chatbots.

- Marvin Minsky and Seymour Papert publish *Perceptrons*, which criticizes early neural networks.

1970s

- Development of early Expert Systems such as **MYCIN** and DENDRAL.

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

1980s

- Backpropagation algorithm revives interest in **neural** networks.

- Expert systems expand into business and industry.

1990s

- IBM's **Deep Blue** defeats world chess champion Garry Kasparov.

2000s

- Growth of **Big Data** and improved computing power make machine learning more practical.

2010s

- IBM's **Watson** wins on *Jeopardy!* against human champions.

- **DeepMind**'s AlphaGo defeats world Go champion Lee Sedol.

2020s

- OpenAI releases **GPT-3**, a large-scale language model with billions of parameters.

- AI-powered tools like **ChatGPT** gain mainstream attention.