Name _____

What is Artificial Intelligence? Answer Key

1. AI is when computers are designed to perform tasks that usually require human intelligence, like learning and problem-solving.

2. Machine learning is when a computer studies examples and finds patterns; for example, learning to tell cats and dogs apart from many photos.

3. They use natural language processing to understand and respond to human language.

4. Healthcare (AI helps doctors read X-rays), Transportation (AI powers self-driving cars), Entertainment (AI recommends movies/songs). Any two are correct with explanation.

5. Because AI's results depend on the data people give it, and it does not think or feel, so misuse or poor data can cause problems.