

AI Fact or Fiction Sort Answer Key

1. **AI can instantly understand human feelings like happiness and sadness.**

→ **Myth**

AI cannot truly feel or understand emotions. It can only detect patterns in facial expressions, voice, or text and simulate a response.

2. **Some AI systems are used to help doctors detect diseases earlier.** → **Fact**

AI is used in medicine, such as analyzing X-rays, CT scans, or detecting early signs of cancer.

3. **AI is always smarter than any human in every situation.** → **Myth**

AI is powerful at narrow tasks but cannot match human general intelligence, creativity, or common sense.

4. **AI can be biased if it is trained on unfair or unbalanced data.** → **Fact**

AI reflects the data it learns from. If the data is biased, the system's outputs can also be biased.

5. **AI will soon replace every single job done by humans.** → **Myth**

AI will automate some tasks, but many jobs will remain — and new jobs will be created to design, monitor, and improve AI systems.

6. **AI can translate text between languages with reasonable accuracy.** → **Fact**

Tools like Google Translate use AI to translate text, though they are not perfect and sometimes make errors.

7. **AI has personal goals and can decide what it wants to achieve.** → **Myth**

AI has no desires or goals of its own; it follows instructions and patterns created by humans.

8. **AI is a tool created and managed by humans.** → **Fact**

AI is designed, trained, and controlled by people. Humans decide how it is used.

9. **AI can never make mistakes or give wrong answers.** → **Myth**

AI makes mistakes often, especially if the data is incomplete, biased, or if it's asked to do something outside its training.