

6 Robots and AI – Part 2 —Answers

Answers

Work through these after trying the questions yourself.

6.6 A machine that can carry out tasks (often automatically).

6.7 Sensors, a processor, and actuators.

6.8 Artificial Intelligence.

6.9 Data (lots of examples).

6.10 Any of: face recognition, voice assistants, video recommendations, self-driving cars.

6.11 A simple automated system follows **fixed rules**. A self-driving car uses **AI** because it has *learned from huge amounts of data* and can make its own decisions in new, unseen situations (e.g. an unusual obstacle), not just follow pre-set rules.