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Activity 4: Complete the Sentences

Instructions

Choose the correct word from the options to complete each sentence.

1. A _____ is the physical part of a computer that you can see and touch.
 - a) software
 - b) hardware
 - c) network

2. _____ is a collection of programs and applications that tell a computer what to do.
 - a) Software
 - b) Hardware
 - c) Memory

3. A _____ is a sequence of instructions used to solve a problem or perform a task.
 - a) battery
 - b) algorithm
 - c) keyboard

4. A _____ writes code to develop computer programs and applications.

- a) mechanic
- b) computer engineer
- c) architect

5. A computer _____ allows different devices to communicate and share information.

- a) network
- b) processor
- c) monitor

6. _____ helps protect computers and digital information from hackers and cyberattacks.

- a) Robotics
- b) Cybersecurity
- c) Manufacturing

7. _____ allows users to store and access files through the Internet instead of only on their own computers.

- a) Cloud computing
- b) Artificial intelligence
- c) Programming

8. An _____ is a small computer built into a device such as a car, washing machine, or medical instrument.

- a) operating system
- b) embedded system
- c) database

9. _____ enables computers to learn from data and make decisions without being directly programmed for every task.

- a) Artificial intelligence
- b) Electrical engineering
- c) Mechanical design

10. The _____ connects billions of computers and devices around the world.

- a) motherboard
- b) Internet
- c) processor

Answer Key

1. b) hardware
2. a) Software
3. b) algorithm
4. b) computer engineer
5. a) network
6. b) Cybersecurity
7. a) Cloud computing
8. b) embedded system
9. a) Artificial intelligence
10. b) Internet