

Questions	Answers
Multiple Choice	Multiple Choice
1. In order for something to be considered a computer it must have a keyboard attached. a. true b. false c. only certain computers	1. b 2. c 3. b 4. a 5. d 6. d
2. What was used to make analyzing results faster for the 1890 census? a. integrated circuits b. processors c. punch cards and punch card readers d. ENIAC	
3. When using Google or Bing, what keyword can be used to provide you with a definition of a certain term? a. look-up b. define c. dictionary d. definition	
4. What word is interchangeable with computer? a. processor b. desktop c. personal d. integrated circuit	
5. What educational background is required to write algorithms? a. BS in Computer Science or Computer Engineering b. MS in Computer Science or Computer Engineering c. a high school diploma d. no educational background is required	
6. An agent could be a a. computer b. human c. program d. all of the above	

Short Answer 1. _____ was the name of the first electronic computer and it was located in _____. 2. The instructions written in software are followed or executed by _____. 3. _____ made computers more affordable and allowed them to have more complex CPUs. 4. _____, _____, and _____ were three technologies that increased ones' desire to own a personal computer. 5. Complexity is _____ to manufacture, though it remains _____ to design. 6. Software is a collective term for _____. 7. Abstracting requires that you to separate information into two categories: _____ and _____. 8. A program acts on _____ and results in _____. Exercises 1. How many computers do you have? List them. 2. Explain in detail why the phrase "software program" is redundant. 3. What is the difference between hard and soft instructions? 4. Similar to video production, which is now accessible to many nonprofessionals, name two other things that over time have been made more accessible due to computer software. 5. Explain why it is important to use the right words when describing your problem to tech support. 6. Explain in detail the difference between booting and rebooting. 7. Write an algorithm that provides someone with clear directions on how to make your favorite snack.	Short Answer 1. ENIAC, Philadelphia 2. hardware 3. transistors 4. email, games, word processing 5. cheap, expensive 6. programs 7. relevant, irrelevant 8. inputs, outputs Exercises 1. Many possible answers. Should list items like cell phones, game consoles, etc. 2. Software is synonymous with programs. No software exists that is not a program or collection of programs. 3. Hard instructions are executed by the hardware, whereas the CPU runs soft instructions. 4. Many possible answers. Could include high fidelity audio reproduction, academic research, real-time long distance communication 5. Tech support is difficult to do over the phone, so accuracy in reporting will improve odds of solving the problem while avoiding red herrings and save time reaching the solution. 6. Booting is turning a computer on, whereas rebooting is restarting a computer that was already on. 7. Many possible answers.
---	---

