

KNOWLEDGE PROBE 1

The Electronics Industry

Learning Objectives

1. Name the five major segments of the electronic industry.
 2. Give examples of or identify products and systems that make up each of the major segments.
 3. Identify the major markets and employing organizations in the electronics industry.
 4. Explain how the electronics industry works by showing the relationship between the different types of companies.
-
1. Which major segment of the electronics industry includes automotive electronics (not including entertainment equipment)?
 - a. Communications
 - b. Components
 - c. Computers
 - d. Control and monitoring
 2. Which major segment of the electronics industry includes consumer electronics equipment such as TV, DVD, and MP3 audio?
 - a. Communications
 - b. Components
 - c. Computers
 - d. Control and monitoring
 3. Which of the following is NOT a common type of electronic component?
 - a. Connector
 - b. Integrated circuit
 - c. Printed circuit
 - d. Robot
 4. Which major segment of the electronics industry includes robots?
 - a. Communications
 - b. Components
 - c. Computers
 - d. Control and monitoring
 5. An embedded controller is a(n)
 - a. Component
 - b. Integrated circuit
 - c. Type of computer
 - d. All of the above



6. Which major segment of the electronics industry includes computer networks?
 - a. Communications
 - b. Components
 - c. Computers
 - d. Control and monitoring
7. Which major segment of the electronics industry includes home electrical/electronic appliances?
 - a. Communications
 - b. Components
 - c. Computers
 - d. Control and monitoring
8. Which of the following types of electronic equipment would a chemical processing plant use?
 - a. Communications
 - b. Computers
 - c. Control and monitoring
 - d. All of the above
9. Customers of the electronic component manufacturers are the
 - a. Distributors
 - b. Electronic equipment manufacturers
 - c. Raw materials sources
 - d. System integrators
10. Which of the following organizations typically do NOT sell to end users?
 - a. Distributors
 - b. Equipment manufacturers
 - c. Service companies
 - d. System integrators
11. A major user of instrumentation is
 - a. Cable TV
 - b. Home control
 - c. Medical
 - d. Toy industry
12. A system integrator is a
 - a. Kind of equipment manufacturer
 - b. Reseller of a system made up of the equipment of others
 - c. Service organization
 - d. Type of distributor and sales organization