

# Component Identification Test A

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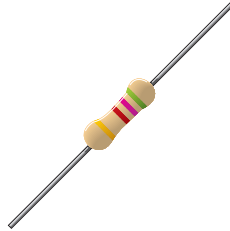
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Mark the most correct answer to each question.

1) The figure shows a \_\_\_\_\_.

- ☐ a. Resistor
- ☐ b. Capacitor
- ☐ c. IC



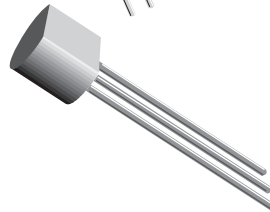
2) The figure shows a \_\_\_\_\_.

- ☐ a. Capacitor
- ☐ b. LED
- ☐ c. Resistor



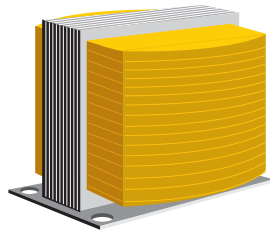
3) The figure shows a \_\_\_\_\_.

- ☐ a. Transformer
- ☐ b. Transistor
- ☐ c. Capacitor



4) The figure shows a \_\_\_\_\_.

- ☐ a. Relay
- ☐ b. Power Transistor
- ☐ c. Transformer



5) The figure shows a \_\_\_\_\_.

- ☐ a. Coil
- ☐ b. Photocell
- ☐ c. Lamp



**Mark the most correct answer to each question.**

6) The figure shows the schematic symbol of a \_\_\_\_\_.

- ☐ a. Coil
- ☐ b. Transistor
- ☐ c. Capacitor



7) The figure shows the schematic symbol of a \_\_\_\_\_.

- ☐ a. Transistor
- ☐ b. Resistor
- ☐ c. Switch



8) The figure shows the schematic symbols of a \_\_\_\_\_.

- ☐ a. Switch
- ☐ b. Transistor
- ☐ c. Diode



9) The function of a resistor is to \_\_\_\_\_.

- ☐ a. Oppose current flow
- ☐ b. Store electrical energy
- ☐ c. Open and close a circuit

10) The function of a capacitor is to \_\_\_\_\_.

- ☐ a. Oppose current flow
- ☐ b. Store electrical energy
- ☐ c. Integrate a large circuit into a small package

**Correct Answers:** \_\_\_\_\_

**Wrong Answers:** \_\_\_\_\_

**Grade:** \_\_\_\_\_