

Interpreting Symbols Worksheet 1

1. These two symbols are common in schematics of electronics:



What do these two symbols most likely represent?

- a. Batteries
- b. Wires
- c. Amplifiers
- d. Outlets

2. These two symbols are common in schematics of electronics:



What do these two symbols most likely represent?

- a. Batteries
- b. Wires
- c. Amplifiers
- d. Outlets

3. One of these diagrams represents an air core transformer and the other one represents an iron core transformer. Which do you think is which? State your reason for this answer.



4. These two symbols are common in schematics of electronics:



They both represent wires that cross. Which one represents unconnected wires, and which one represents connected wires? State your reason for this answer.

Interpreting Symbols Worksheet 2

5. One of these diagrams represents a double-pole single-throw switch, and the other one represents a double-pole double-throw switch. Which do you think is which? State your reason for this answer.



6. Here are five different kinds of electronic switches:



Which one does not belong with the other four and why?

7. Please match the following four symbols with their names:



Bifilar inductor



Iron core inductor



Tapped inductor



Air core inductor

8. Draw what you think a tapped air core transistor might look like.