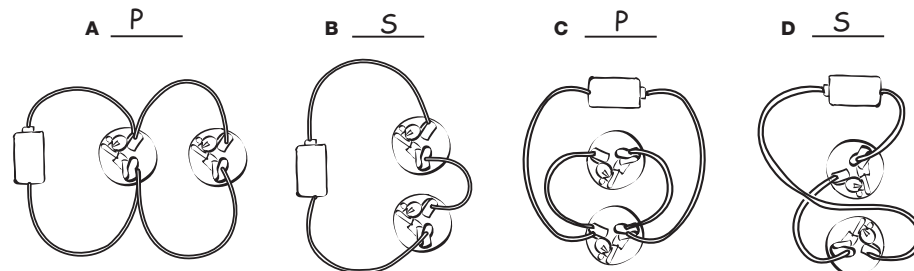


MAGNETISM AND ELECTRICITY

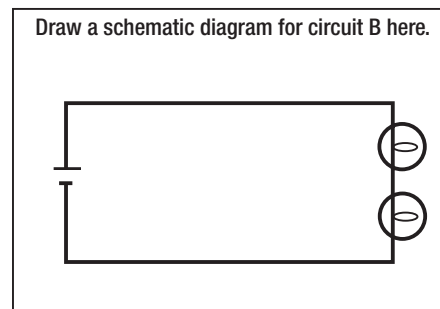
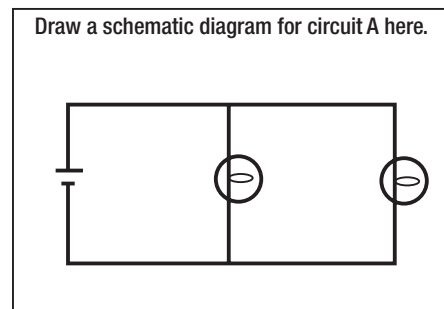
ANSWERS

Pretest/Posttest

me9 a. Look at the circuits below. If it is a **series** circuit, write S on the blank line above each drawing. If it is a **parallel** circuit, write P on the blank line.



b. Draw schematic diagrams of circuits A and B in the boxes below.



me10. Wally wanted to make a simple compass. He tied an iron nail to a string and let it hang from the edge of a table. Every time he looked at the nail, it was pointing in a different direction. What is wrong with Wally's plan for making a compass?

(Circle the one best answer.)

- A. He just needs to mark the north (N) and south (S) poles on the nail.
- B. He needs to induce magnetism in the nail.
- C. You cannot make a compass with a nail.