

1. Pressure in a water pump system is analogous to what concept in an electrical circuit?

Ans: b. voltage

2. A narrow pipe in a water system is analogous to what concept in an electrical circuit?

Ans: a. resistance

3. Electrical current is measured in:

Ans: c. Amperes

4. Electrical resistance is measured in:

Ans: a. Ohms

5. An LED is reverse-biased when:

Ans: d. the anode is negative with respect to the cathode

6. The function of a potentiometer is to:

Ans: c. vary the resistance between points in the circuit

7. True or False: All of the holes in a column on the side of a breadboard are electrically connected.

Ans: True

8. True or False: When resistance increases and current is held constant, voltage also increases.

Ans: True