1. Name the three basic elements of a circuit.

2. State Ohm's Law.

3. What is the alphabetical designation for the primary connections of a single-phase transformer?

4. What is the electrical equivalent of pressure?

5. What is the electrical term for flow?

6. Electrons flow from ________ to ________?

7. What is the OSHA designation for a worker who has been trained to work on live circuits?

8. If a single-phase motor rotates in the wrong direction, what is the correction?

9. Give the primary definition for direct current.

10. What is the electrical term for the average working value of an AC voltage or current.
Post Test
Electricity for Non-Electricians

1. What is the alphabetical designation for the primary connections of a single-phase transformer?  
   H

2. What is the electrical term for flow?  
   Current
   Current flow
   Amps

3. Name the three basic elements of a circuit.  
   Power source, conductors, load
   Power, path, purpose

4. Give the primary definition for **direct current**.  
   Single Polarity

5. What is the OSHA designation for a worker who has been trained to work on live circuits?  
   Qualified worker or Qualified employee

   \[ E = I \times R \]

7. Electrons flow from _________ to _________?  
   Negative to Positive

8. What is the electrical term for the **average** working value of an AC voltage or current?  
   RMS

9. If a single-phase motor rotates in the wrong direction, what is the correction?  
   Swap any two of the power leads

10. What is the electrical equivalent of pressure?  
    Voltage