1. Which of the following is an insulator of electricity?
   Gold
   Copper
   Sweat
   **Pure water**

2. Which of the following would increase the amount of current in a circuit?
   Heating up the conductors
   Decreasing the voltage
   Decreasing the work distance
   **Decreasing resistance**

3. What makes a short circuit dangerous?
   A larger load on the circuit
   **Little-to-no resistance**
   Less voltage
   Decreased current

4. What is electrocution?
   **An electric shock that kills someone**
   A light shock
   An arc flash that injures a worker
   Electricity that resides in capacitors

5. All of the following about arc flash are true except:
   Hot temperatures
   Loud noises
   Bright lights
   **Low currents**

6. What determines the intensity of an arc flash?
   **The available current and how long it lasts**
   The voltage and humidity level
   Air pressure and voltage level in the sensors
   Energy and fault lines

7. What must be on all equipment that has an arc flash hazard?
   **An arc flash warning or danger label**
   A shock protection sign
   A blue arc flash label with a yellow warning triangle
   A green arc flash hazard stamp

8. What normally happens to PPE during an arc flash?
   It sounds an alarm
It is destroyed instead of your skin
It burns cleanly and without much heat
It shrinks and fits better

9. What would a qualified worker look like with Level 4 PPE on?
Someone wearing a space suit
Someone wearing a suit of armor
Someone wearing a scuba diving outfit
Someone getting ready to run outside

10. What will an arc flash label usually have on it?
Panel destination and source current
**PPE level required and flash protection boundary**
Surge protection level and secondary relay boundary
PC3 data on voltage and wattage