

Electrical Safety Quiz

Name: _____ Date: _____

1. Where does electricity always want to go, even if it means traveling through a person? _____
2. A shock from an outlet at home may be painful, lead to collapse, or even death. True or False
3. Which part of the human body offers the most electrical resistance?

4. Flammable materials can easily be ignited by _____ electricity.
5. Only _____ workers are permitted to work on or near exposed electrical components.
6. When should power tools and extension cords be inspected?

7. Fuses and circuit breaker are designed to protect people from shocks. True or False
8. When a circuit breaker trips, you should immediately reset it. True or False
9. Extension cords should never be used as a permanent power source. True or False
10. What should be done with a damaged power tool or extension cord?

Electrical Safety Quiz Answers

1. Electricity always wants to travel to ground, which will complete the circuit.
2. True. A 120-volt outlet at home can give the average person a shock of 60 mA.
3. The skin offers the most electrical resistance.
4. Static electricity can easily ignite a flammable material.
5. Only qualified and trained workers can repair or troubleshoot electrical equipment.
6. Inspect power tools and extension cords before each use.
7. False. Fuses and circuit breaker protect machinery and electrical systems.
8. False. A tripped breaker could indicate a problem, so it should be checked by a qualified worker.
9. True. Extension cords are designed as a temporary power source.
10. Tag it out of service and have it replaced or repaired by a qualified worker.