

Review of Electrical Circuits

1. What is a circuit?
2. Can too many electrons destroy a circuit?
3. What is resistance?
4. What is the difference between an open and closed circuit?
5. What is a conductor? Give three examples of conductors.
6. What is current?

8. What is voltage?
9. What is amperage?

11. What is an insulator? Give three examples of insulators.

13. What is a switch?
14. What happens to the resistance if the length of a wire increases?
15. What happens to the resistance if the cross sectional area of the wire increases?

17. What is the symbol for a switch and an Ohm?
18. What is the difference between a series and parallel circuit?
19. What will happen to the bulbs in a series circuit if the first bulb burns out?
20. Are electrons pulled or pushed by the negative side of a battery?