Name: _____

1. What are the incoming service conductors brought to a building overhead called?

- 2. What are the incoming service conductors brought to a building routed underground called?
- 3. How many disconnects are permitted by the NEC to be installed at the service entrance?
- 4. What amperage service does the NEC require for new single-family dwellings?
- 5. List the wire types are allowed for service entrance conductors:
- 1.
- 2.
- ---
- 3.
- 4.
- 5.
- 6. Explain the difference between conduit and cable.
- 7. What NEC Table establishes the allowable ampacities of insulated conductors?
- 8. What is the purpose of the service head?
- 9. What article in the NEC covers temporary wiring?

10. What NEC table indicates the proper size for the grounding electrode conductor?

- 11. The installation of a 100 A service entrance using 1/0 AWG copper service wires would require what size copper grounding electrode conductor?
- 12. What is a transformer that increases the primary voltage called?
- 13. What is a transformer that decreases the primary voltage called?
- 14. What is the most common residential service voltage?
- 15. What is connecting the house's wiring to the earth called?
- 16. What are the three permitted locations that connection to the earth for the service entrance can be at?

- 17. What type of metal can be used for grounding to a water pipe?
- 18. What is the main purpose of bonding?
- 19. List two overcurrent protection devices:
- 1.
- 2.
- 20. What is the symbol used on an electrical plan for a panelboard?