

Electrical Plan Test**True/False**

Indicate whether the sentence or statement is true or false.

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- _____ 1. The electrical plan is drawn on the floor plan.
- _____ 2. The main breaker should be as close as possible to the meter.
- _____ 3. Electric meters are *not* weatherproof.
- _____ 4. Convenience outlets may be switched.

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- _____ 5. The least expensive type of switch used to operate lights is the _____ switch.
 - a. toggle
 - b. quiet
 - c. mercury
 - d. dimmer
- _____ 6. Most outlets in the home are 120 volt, _____-type, which have two receptacles.
 - a. simplex
 - b. quiet
 - c. duplex
 - d. mercury
- _____ 7. On the electrical plan, a _____ line connects the switch to the fixture, outlet, or appliance it operates.
 - a. border
 - b. construction
 - c. hidden
 - d. All of the above.
- _____ 8. Lighting fixtures used to provide lighting for outside areas such as walks, patios, and drives should be _____ fixtures.
 - a. recessed
 - b. fluorescent
 - c. interior
 - d. exterior
- _____ 9. The specifications for each lighting fixture are usually listed on the _____.
 - a. lighting fixture schedule
 - b. floor plan
 - c. elevations
 - d. None of the above.

Short Answer

Provide complete responses to the following questions or statements.

10. List 5 features commonly shown on the electrical plan.

11. Which two types of lights are generally used in homes?

12. What is the purpose of an electrical plan? (2 points, Must be in complete sentences)

13. Most rooms are more functional with a switched outlet. How does a switched outlet differ from a regular outlet? (2 points)

14. A home may have several different types of lighting or lighting fixtures. Examples are ceiling fixtures, fluorescent tubes above a suspended ceiling, and recessed lighting fixtures. Name at least one area where each of these three types are used.

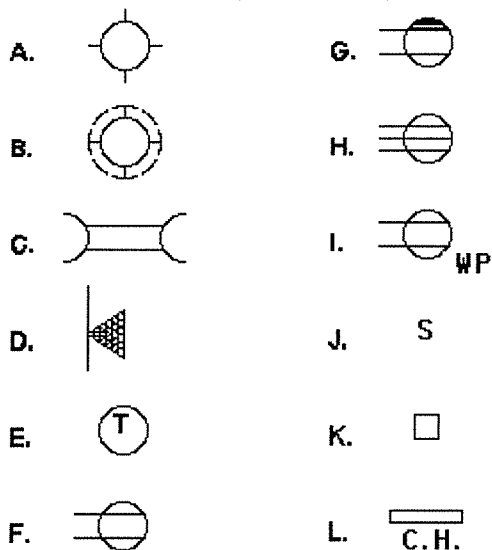
Ceiling fixture: _____

Fluorescent fixture above a suspended ceiling: _____

Recessed fixture: _____

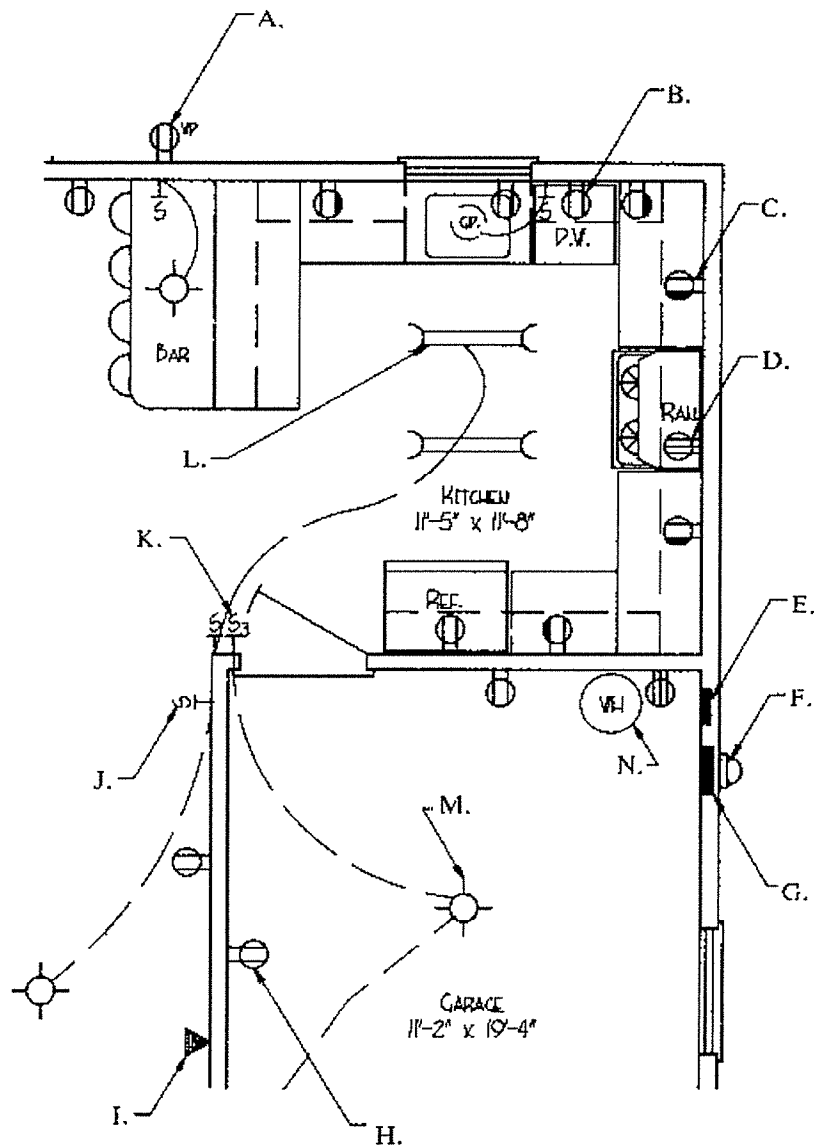
Completion*Complete each sentence or statement.*

15. Traffic _____ should be considered when locating switches to control lighting fixtures and convenience outlets.

Matching*Identify the following electrical symbols.*

- ____ 16. Telephone.
- ____ 17. 230 volt outlet.
- ____ 18. Recessed lighting fixture.
- ____ 19. Split-wired duplex receptacle outlet.
- ____ 20. Chimes or Door Bell
- ____ 21. Single-pole switch.
- ____ 22. Ceiling outlet fixture.
- ____ 23. Duplex receptacle outlet.
- ____ 24. Weatherproof duplex outlet.
- ____ 25. Fluorescent fixture.

Identify the electrical symbols indicated on the partial electrical plan shown below.



- _____ 26. 230 volt outlet.
- _____ 27. Ceiling outlet fixture.
- _____ 28. Duplex receptacle outlet.
- _____ 29. Fluorescent fixture.
- _____ 30. Single-pole switch.
- _____ 31. Split-wired outlet.
- _____ 32. Telephone.
- _____ 33. Telephone junction box.
- _____ 34. Three-way switch.
- _____ 35. Weatherproof outlet.