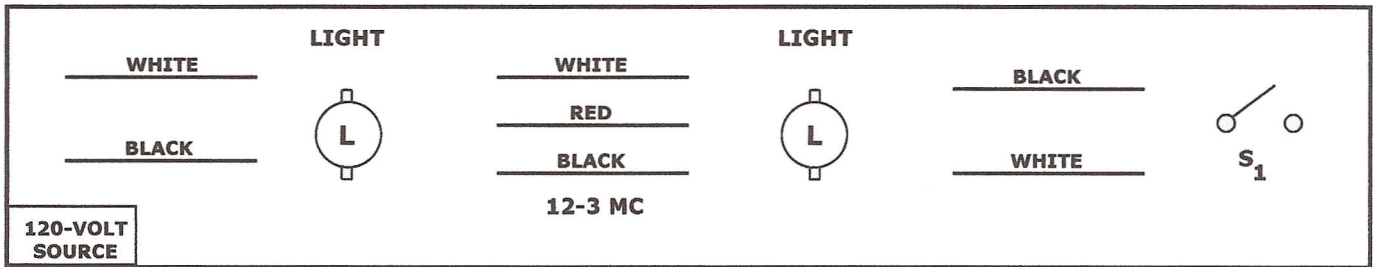
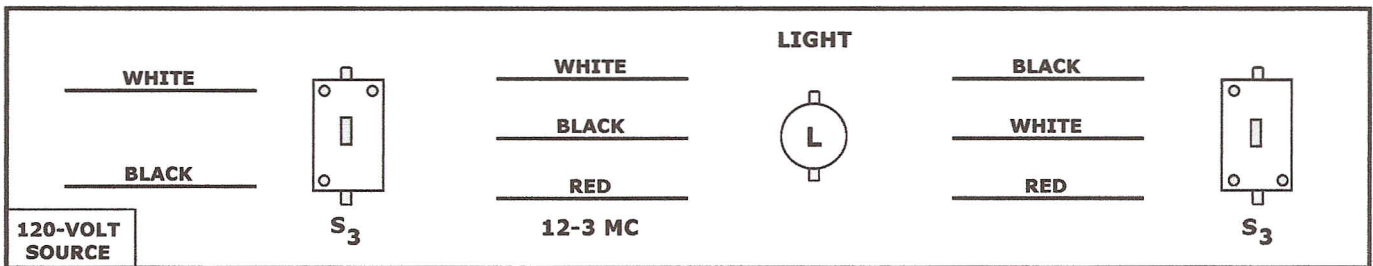


Answer the following as per the National Electric Code:
 (Use of the National Electric Code book is permitted.)

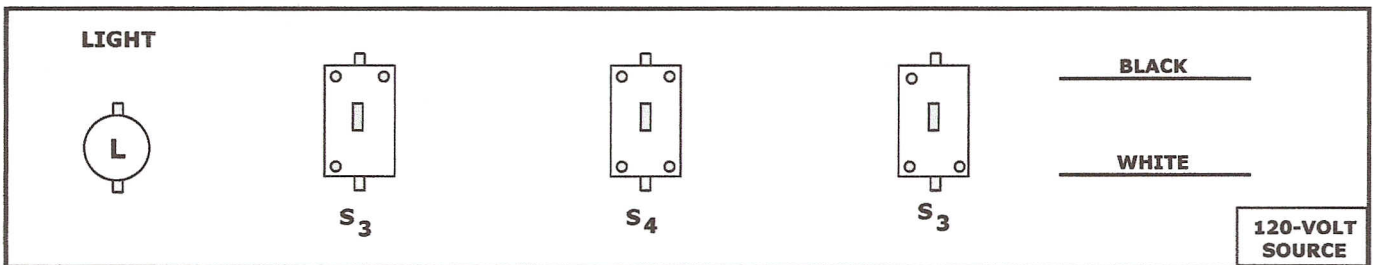
1. Ground-fault (GFI) receptacles are commonly located in what areas?
2. What are the grounding and bonding requirements for residential service?
3. How far apart is romex cable required to be supported?
4. What is the disadvantage of having cable clamps inside of outlet boxes?
5. A circuit breaker must be rated at _____% of its capacity.
6. Complete the connections in the following arrangement so that both of the ceiling lighting outlets are controlled from the one single-pole switch. Assume that the installation is in MC cable.



7. Complete the connections in the following arrangement so that the ceiling lighting outlet may be controlled from either one of the three-way switches. Assume that the installation is in MC cable.



8. Complete the connections in the following arrangement so that the ceiling lighting outlet may be controlled from any one of the three switch locations.



9. Determine the rating of the switch required to control (5) 300-watt incandescent filament lamps on a 120-volt circuit.