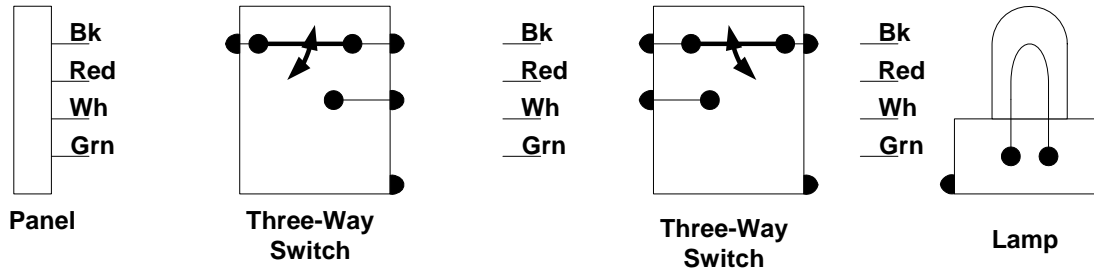
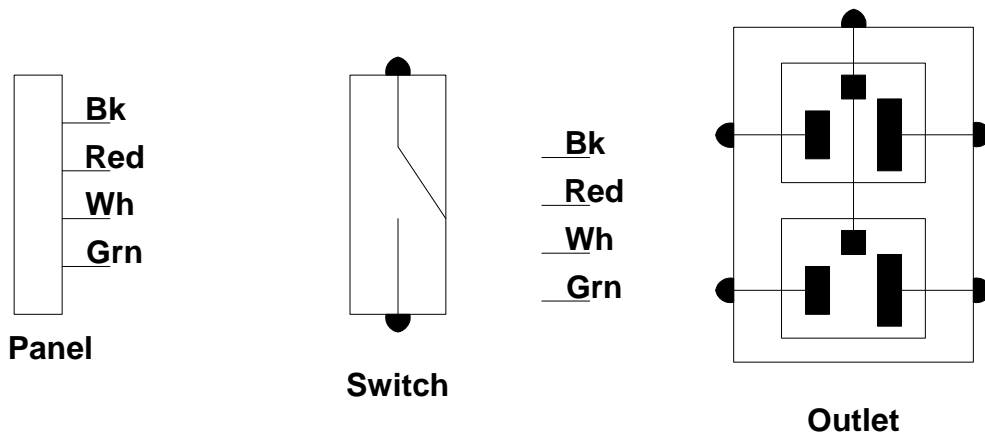


1. Wire the switches and lamp so either switch will turn the lamp on and off independently. Include appropriate grounding.



2. Wire the outlet so that the upper half is switched and the lower half is always on



3. The National Electrical Code is designed to prevent what problem that too often appears in overloaded or poorly built electrical distribution networks? You should be able to answer this question with a single word.
4. Explain how a Ground Fault Circuit Interruptor works. Use a simple diagram.