

Name - _____

Start time - __ : __

End time - __ : __

Explain why certain materials, like rubber and glass, are used as insulators in electrical devices.

If you want to insulate a wire to prevent electrical conduction, what material might you use?

Provide three examples of insulators commonly used to prevent the flow of electricity.

1. _____
2. _____
3. _____

Describe an experiment you could conduct to test whether a material is a conductor or an insulator.

Explain the concept of electrical conductivity and how it relates to conductors and insulators.
