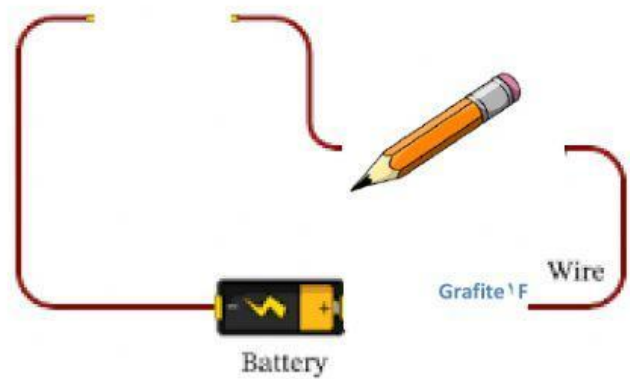
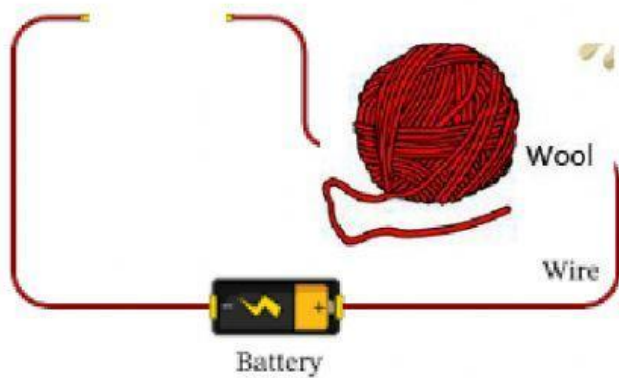
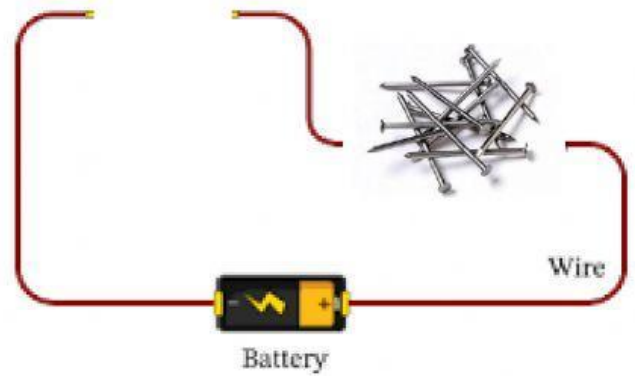
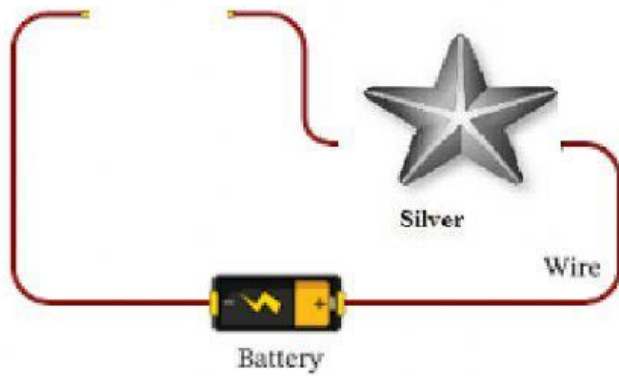


Will the bulbs be on or off? Use your knowledge of electric conductor and insulators to drag and drop the suitable light bulb into the circuits below:

Diagram showing six circuits, each consisting of a battery, wires, and a central component. Above the circuits is a selection bar containing six light bulbs: two are lit (yellow), and four are unlit (white).

- Circuit 1:** Battery, Wire, and a piece of **Wood**. The bulb should be **off** because wood is an insulator.
- Circuit 2:** Battery, Wire, and a piece of **Glass**. The bulb should be **off** because glass is an insulator.
- Circuit 3:** Battery, Wire, and a coil of **Copper**. The bulb should be **on** because copper is a conductor.
- Circuit 4:** Battery, Wire, and a piece of **Rubber**. The bulb should be **off** because rubber is an insulator.
- Circuit 5:** Battery, Wire, and a piece of **Plastic**. The bulb should be **off** because plastic is an insulator.
- Circuit 6:** Battery, Wire, and a glass of **Water**. The bulb should be **on** because water is a conductor.



Click to show whether the material is electric conductor or insulator:

Material	Conductor	Insulator
Silver spoon		
Plastic ruler		
Aluminum foil		
Metallic key		