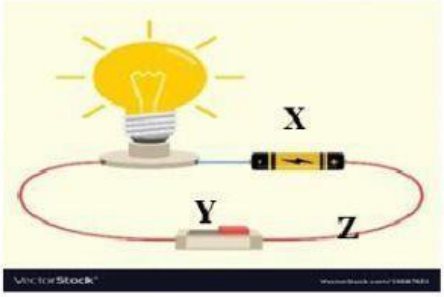
Science – Electrical Circuits

The diagram shows a simple circuit.



1. Name the parts of the circuit labelled X, Y and Z.
   X _____
   Y _____
   Z _____

2. Write the letter of the path that best matches each statement.
   i. Provides the power source _____
   ii. Path for electrons to flow _____
   iii. Opens or closes the circuit _____

3. Explain what happens to the light bulb when the switch is closed. (1)
   _____

4. What is the name given to an object that does not allow electrons to flow through it easily?
   _____

5. Which object is the best conductor of electricity?
   a. Plastic
   b. Glass
   c. Cooper

6. Mr. Smith works at an electrical plant. He wears rubber gloves to work every day. Explain why Mr. Smith uses these gloves daily. (1)

_____

LIVEWORKSHEETS