

REVISION

QUESTION

1. A circuit is shown in the diagram below. The circuit contains a battery, a lamp, a switch and a buzzer. The switch is currently open.

(a) Draw a circuit diagram of the circuit shown above.

(b) What happens when the switch is closed?

(c) What happens when the switch is opened again?



ANSWER

1. (a) A circuit diagram showing a battery, a lamp, a switch, and a buzzer connected in a single loop.
- (b) When the switch is closed, the circuit is complete and current flows, causing the lamp to glow and the buzzer to sound.
- (c) When the switch is opened again, the circuit is broken and current stops flowing, so the lamp goes out and the buzzer stops.