

Answer on Question 61568 – Physics | Electric Circuits

Three 1.50V dry cells are connected in series to give a total voltage of 4.50V. A 12.0W lamp is connected in a circuit with the three dry cells. Draw a schematic circuit diagram showing the dry cells and the lamp.

Place an ammeter in the circuit to measure the current through the circuit. Place a voltmeter in the circuit to measure the potential difference across the battery.

Answer

