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Ch 4 Electric Circuits

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| **Across****1.** To calculate parallel resistance**2.** Only one path for current**6.** Relationship between current, voltage, and resistance**10.** more than one path**12.** Resistance in series circuit**13.** Metal with low resistance**16.** One factor that determines resistance**18.** Lets electrons flow easily**19.** Electric Potential difference**20.** electricity does not flow | **Down****3.** material only lets some electrons flow**4.** units for resistance**5.** Current produced by 3 volts and 0.5 ohms**7.** battery with 2 amps and 6 ohms resistance**8.** Current in series circuit**9.** Metal iwth high resistance**11.** Uses 60 watts of power**14.** Units for current**15.** units for push of battery**17.** Protects electrical devices from too much current |