T4D08 (A)
What is the voltage across the resistor if a current of 1 ampere flows through a 10 ohm resistor?

A. 10 volts
B. 1 volt
C. 11 volts
D. 9 volts

T4D09 (A)
What is the voltage across the resistor if a current of 2 amperes flows through a 10 ohm resistor?

A. 20 volts
B. 0.2 volts
C. 12 volts
D. 8 volts

T4D10 (C)
What is the current flowing through a 100 ohm resistor connected across 200 volts?

A. 20,000 amperes
B. 0.5 amperes
C. 2 amperes
D. 100 amperes

T4D11 (C)
What is the current flowing through a 24 ohm resistor connected across 240 volts?

A. 24,000 amperes
B. 0.1 amperes
C. 10 amperes
D. 216 amperes

T4E01 (D)
What unit is used to describe electrical power?

A. Ohm
B. Farad
C. Volt
D. Watt

T4E02 (A)
What is the formula used to calculate electrical power in a DC circuit?

A. Power (P) equals voltage (E) multiplied by current (I)
B. Power (P) equals voltage (E) divided by current (I)
C. Power (P) equals voltage (E) minus current (I)
D. Power (P) equals voltage (E) plus current (I)