

Name: _____

Date: _____

Chapter 1 Review Questions for Section 1.4

1. A voltage of _____ is needed to produce a current of 2 amps through a resistance of 6 ohms.
2. When 12 volts are connected to 4 ohms, a current equal to _____ flows through the resistance.
3. A resistance of _____ produces a current equal to 8 amps when connected to 24 volts.
4. How many volts does 4 kV represent? _____
5. What is 8 M Ω equal to in k Ω ? _____
6. Write 3mV as a decimal unit of voltage. _____
7. One millivolt is how larger than one microvolt? _____
8. How many milliamps are there in 20 amps? _____