

Name: _____
Physics

Date: _____
Mr. Croom

Multimeter Lab Worksheet

Complete this worksheet for 30 points

1. An ammeter measures: _____
2. A voltmeter measures: _____
3. An ohmmeter measures: _____
4. The unit of resistance is the: _____
5. The unit of electric potential difference is the: _____
6. An ampere is the unit of: _____
7. In electricity AC stands for: _____
8. In Direct Current is abbreviated: _____
9. A good ammeter has what type of resistance: _____
10. A good voltmeter has what type of resistance: _____
11. This device which measures a property of electricity is placed in series: _____
12. This device which measures a property of electricity is placed in parallel: _____
13. What must happen to a resistor in a circuit to measure it: _____
14. The black cord on a multimeter always goes into which port: _____
15. If I want to check a 3000 ohms resistor which setting do I use $2K\Omega$ or $20K\Omega$