**Electrical Measuring Units and Instruments**

Any instrument which measures electrical values is called a meter. An ammeter measures the current in amperes. The unit is named after Andre Marie Ampere, a French scientist. A voltmeter measures the voltage and the potential difference in volts. The volt is named after Alessandro Volta, an Italian scientist.

The current in a conductor is determined by two things, the voltage across the conductor. The unit by which resistance is measured is called the *ohm*. The resistance in practice is measured with the ohmmeter, a wattmeter measures electrical power in watts. Very delicate ammeters are often used for measuring very small currents. Whenever an ammeter or voltmeter is connected to a circuit to measure electric current or potential difference the ammeter must be connected in series and the voltmeter in parallel.

1. **Answer the questions**
2. What does an ammeter measure?
3. Was Andre m. ampere a French or Italian scientist?
4. How is the current in a conductor determined?
5. What is the unit called by which resistance is measured?
6. Does a wattmeter measure electrical power?
7. How does an ammeter measure electric current?
8. **Найдите в тексте английские эквиваленты.**
9. Называется счетчиком
10. Назван в честь…
11. Ток в проводнике
12. Сопротивление проводника
13. Электрическая мощность
14. Очень чувствительные
15. Часто используются
16. Измерять электрический ток
17. Потенциальная разница
18. Должен быть соединен