

TEST INSTRUMENTS

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HELPFUL LINK: <https://technologystudent.com/elec1/metre1.htm>

1. Test instruments (e.g. multimeters) can be used to measure a range of 'values'. List the values each of the following meters measure:

AMMETER: _____

OHMMETER: _____

VOLTMETER: _____

2. What advantage has a multimeter over the three meters named above?

3. Explain the difference between an analogue and digital multimeters.

4. An incomplete basic drawing of a digital multimeter is seen opposite. It is being used to measure the resistance of a resistor. Add the missing parts.

5. In the space below, explain how a digital multimeter can be used to measure the resistance of a resistor. You may wish to refer to the diagram opposite.

