

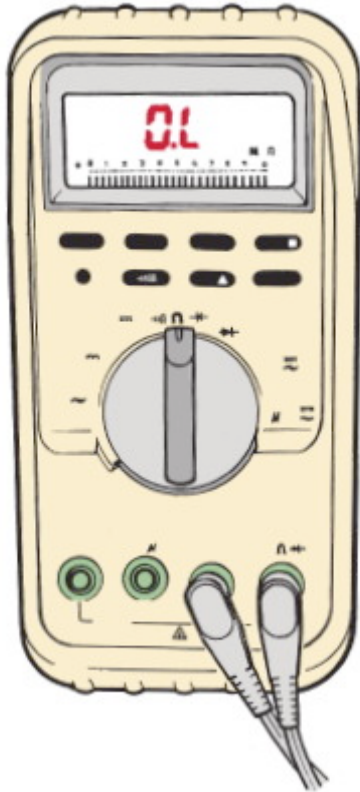
Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) A reading of 432 shows on the face of the meter set to the millivolt scale. The reading means _____ 1) _____
_____.
- A) 0.432 volt
 - B) 4.32 volts
 - C) 43.2 volts
 - D) 4,320 volts
- 2) A meter is set to read DC volts on the 4-volt scale. The meter leads are connected at a 12-volt battery. The display will read _____. 2) _____
- A) 0.00
 - B) OL
 - C) 12 V
 - D) 0.012 V
- 3) To prevent blowing the meter or fuse in a DMM _____. 3) _____
- A) Install a fuse in line with the meter lead
 - B) Never test resistance of an energized circuit
 - C) Both A and B
 - D) Neither A nor B

4) This DMM is set to read ohms. The reading shown means _____.

4) _____



- A) An open circuit
- B) Zero resistance
- C) A faulty meter display
- D) Insufficient information

5) When measuring resistance, a reading of OL on the DMM indicates _____.

5) _____

- A) An open circuit
- B) Continuity of the circuit
- C) A defective meter probe
- D) None of these

6) What could happen if the meter leads were connected to the positive and negative terminals of the battery while the meter and leads were set to read amperes?

6) _____

- A) Could blow an internal fuse or damage the meter
- B) Would read volts instead of amperes
- C) Would display OL
- D) Would display 0.00

7) A meter used to measure amperes is called a(an) _____.

7) _____

- A) Voltmeter
- B) Ammeter
- C) Ohmmeter
- D) Coulomb meter

- 8) A voltmeter should be connected to the circuit being tested _____. 8) _____
- A) In series
 - B) In parallel
 - C) Only when no power is flowing
 - D) Both A and C
- 9) If a digital meter face shows 0.93 when set to k ohms, the reading means _____. 9) _____
- A) 93 ohms
 - B) 930 ohms
 - C) 9300 ohms
 - D) 93000 ohms
- 10) Ammeters should be connected _____ with the circuit being tested. 10) _____
- A) In series
 - B) In parallel
 - C) Across a load
 - D) None of these

Answer Key

Testname: INTRO_22B

- 1) A
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- 2) B
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- 3) C
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- 4) A
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- 5) A
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- 6) A
Page Ref: 211
- 7) C
Page Ref: 211
- 8) B
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- 9) B
Page Ref: 215
- 10) A
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