

I WILLII—amb L.D.								
Rm = 175 ohms								
5 ma AAA	R1 =							
R2	R2 =							
100 ma R3	R3 =							
Ammeter Construction								
•								
Determine the appropriate shu	nt resistances							
required for the switch selections								

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(Note that a "Shorting" type switch is used)

of 5 ma, 15 ma, and 100 ma

Ж	A 20 ua meter movement, with an internal resistance (Rm)
	of 318 ohms, is considered to have a "sensitivity" of
	Ohms/Volt.
ж	A 50 ua ammeter, with an internal resistance (Rm) of 212 ohms, will read mv across the meter, when reading full scale.
306	A 40K-Ohm/Volt sensitivity, means that the meter will read full scale at amps through the meter.
306	A Voltmeter constructed from a 250 µa movement, to read 60V full scale, will require a total resistance of ohms.
366	A Voltmeter constructed from a 100 µa movement, that has a total

resistance of 150K-ohms, would require _____ V to read full scale.

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REV