

**UNIVERSITY OF THE ARMED FORCES – ESPE
HW19 – UNIT TEST INDIVIDUAL TABLE**

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Career: Telecommunications

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Calculation of amperage in an electrical circuit

$$I_{(Amp)} = \frac{Volt}{R_{(Ohm)}}$$

Voltage (v)	Resistance (ohm)	V/R	Expected resulted	Amperage (A)
2	-85	2/-85	-0.0235	
5.5	547	5.5/547	0.0100	
0	186.5	0/186.5	0	
158	0	158/0	?? // Error	
0.84	15.8	0.84/15.8	0.0531	
-1.20	848	-1.20/848	-0.0014	
100.01	849.44	100.01/849.44	0.1177	
0000.9	-75	0000.9/-75	-0.0120	
85.75485	0.999	85.75485/0.999	85.8406	
0.999	5884.98	0.999/5884.98	0.00016	