Name: Partner:					Date: Do not change units. Do not use scientific notation for any answer.				
				D D					
Part I: Resistors: one	e from eac	h of three	adjacent bin	lS.					
$R_1 = \pm$	Ω	$R_2 =$		<u>± Ω</u>	<u>)</u>	$R_3 =$	±	Ω	
$R_{\text{series}} = \pm$ (formula)	Ω	R <sub>serie</sub> (ohm	s = meter)	<u>± Ω</u>	2	$R_{\text{series}} = \_$ (plot)	<u>±</u>	Ω	
$R_{\text{parallel}} = \underline{\pm}$ (formula)	Ω	R <sub>paral</sub> (ohm	<sub>llel</sub> = meter)	<u>± Ω</u>	2	$R_{\text{parallel}} = $ (plot)	<u>+</u>	Ω	
Part II: Resistivity of	F Resistor 1	naterial							
Color band you chose	:								
Expected Resistance:	$R_4 = \_$	±	Ω						
Carbon paste for $R_4$ :	L =	<u>±</u>	mm	D = _		<u>+</u>	mm		
	A =	±	mm <sup>2</sup>	ρ=_		<u>+</u>	Ω·mm		
Part II: Rheostat:									
Rheostat Diameter:	D	<sub>R</sub> =	<u>±</u>	<u></u> mm					
Number of loops $(n)$ is	in 50 mm:		±		(from t	racing)			
Wire Diameter:	D	=	<u>±</u>	mm					
Your plot results:	R	= (	±	)(Ω/m)·	x + (	<u>±</u>	Ω(		
Resistivity from plot:	ρ	=	<u>+</u>			<u>µΩ∙mm</u>			