**Name:**_____ **Date:**_____

**Partner:**_____

Use a pencil. You will not be given another copy of this sheet.
Also, since units are already listed, it is obvious that you may not use scientific notation anywhere.

*Part I: Resistor combinations*

$R_1$ = _____ ± _____ Ω

$R_2$ = _____ ± _____ Ω

$R_3$ = _____ ± _____ Ω

$R_{series}$ from eq. = _____ ± _____ Ω

$R_{series}$ from plot = _____ ± _____ Ω

$R_{parallel}$ from eq. = _____ ± _____ Ω

$R_{parallel}$ from plot = _____ ± _____ Ω

$R_{combo}$ from eq. = _____ ± _____ Ω

$R_{combo}$ from plot = _____ ± _____ Ω

**Series: Linest results with units**

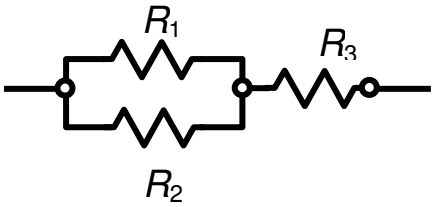
| | | |
|---|---|---|
| | | |
| | | |
| | | |

**Parallel: Linest results with units**

| | | |
|---|---|---|
| | | |
| | | |
| | | |

**Combo: Linest results with units**

| | | |
|---|---|---|
| | | |
| | | |
| | | |




*Part II: Rheostat*

Rheostat Diameter: $D_R$ = _____ ± _____ cm

Number of loops ($n$) in 5cm: _____ ± _____

Wire Diameter: $D$ = _____ ± _____ mm

**Rheostat: Linest results with units**

| | | |
|---|---|---|
| | | |
| | | |
| | | |

Resistivity: $\rho$ = _____ ± _____ $\mu\Omega\cdot$cm