

Name: \_\_\_\_\_  
Period: \_\_\_\_\_

$V_{total} =$  \_\_\_\_\_  
 $R_{total} =$  \_\_\_\_\_  
 $I_{total} =$  \_\_\_\_\_  
 $I_{R3} =$  \_\_\_\_\_  
 $V_{R2} =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_

Series or parallel?

$V_T =$  \_\_\_\_\_  
 $V_{Branches} =$  \_\_\_\_\_  
 $I_1 =$  \_\_\_\_\_  
 $I_2 =$  \_\_\_\_\_  
 $I_T =$  \_\_\_\_\_  
 $R_T =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_

Series or parallel?

Work on back

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Series or parallel?

Work on back

**Don't forget the front side**

Heat transfers in what direction (temperature-wise)?

What is conduction?

If you wanted to keep yourself from being electrocuted you would use what kind of material (insulator or conductor)?

What is convection?

If you were cold and wanted to get warm fast, what kind of material would transfer heat well?

What is radiation?

What is electricity?

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