Name:

- 1. [3] A certain cylindrical rod has a diameter of 4mm, a length of 12 mm, and a resistance of 5000 Ω . What is the resistivity of the material from which this rod was made?
- 2. [2] Three resistors are connected in series. Their resistances are (400Ω) , (500Ω) , and (600Ω) . What is the resistance of the whole group?
- 3. [2] Three resistors are connected in parallel. Their resistances are (400 Ω), (500 Ω), and (600 Ω). What is the resistance of the whole group?

