Do the following problems from the text

P5.1, P5.3, P5-9, P5-10, P5-22

Also

You are going to determine the resistance per unit length of a planar block of conducting material that has two contacts as shown below. Assume the block extends infinitely in the z direction, which is out of the page.

The lengths L, W, and T, as well as the conductivity are variable parameters.

As a first step you will need to formulate the problem and determine which equations you will solve numerically and what boundary conditions you will apply. Also you will need to decide what information from the solution, V(x,y) is necessary to determine the resistance per unit length R'.