Math 201

Section 4.5 Applied Maximum and Minimum Problems

Steps in Solving Optimization Problems

- 1. Understand the problem.
- 2. Draw a diagram.
- 3. Introduce notation.
- 4. Write the value you want minimized or maximized as a function.
- 5. Use the methods of Section 4.4 to find the $\underline{absolute}$ maximum or minimum of your function.