

**Lessons 10 and 11 - The Substitution Rule**

**Objectives**

- Evaluate integrals using the method of substitution.

**READ**

- Stewart, Chapter 5.5, pages 400-406.

**THINK ABOUT**

- Look at figure 2 on page 404 of Stewart. Can you see why the two areas are equal?
- What should you look for when you want to use substitution to evaluate an integral?
- Is there a relationship between the chain rule and the substitution rule?

**MATHEMATICA COMMANDS AND TASKS YOU NEED TO KNOW**

No new commands.