

Homework

Due Thursday

Reminder: There is a test next Tuesday

You will need the Maple worksheet `riemann.ms` to do this homework (or you will have to write a computer or calculator program of your own). As usual to get this program use the command `getclass howard riemann.ms`.

1. Page 358 1 and 2.
2. Use the maple worksheet `riemann.ms` to do the problem 8, 9, and 10 on page 361.
3. page 365 19 and 20.
4. Find the antiderivatives of the following:

$$\frac{4}{(3t-1)^2}, \quad 5^{3x-4} + 9x, \quad xe^{2x^2}, \quad -2x^2(4-x^3)^7$$

(the last two are a little tricky, but not unreasonable. Reminder that you can check your answer by taking the derivative.)