

#### ASSIGNMENT

For the assignment, read up to p 1009.

- p. 1011 2,3,5,7,18

#### TAKE-AWAYS

After reading this section, attending this class and doing this homework you should

- know the statement of Green's theorem (including hypotheses)
- understand how it's another fundamental theorem of calculus
- know how to use it to compute line integrals perhaps more efficiently
- know how to use it to compute double integrals perhaps more efficiently (this seems to happen less often but can still happen)