

Homework 9

Due Sunday, April 21st at 6pm

Read Boas Ch. 14, §§1-7.

1. **(a)** Boas 14.2.26 **(b)** 14.2.28 **(c)** Boas lists the quotient rule as a separate rule (her 14.2.27), but I always think that this is overkill. Argue that just using the product rule you can get the quotient rule (or if you prefer you can use the product rule and the chain rule).
2. **(a)** Boas 14.2.30 and **(b)** Boas 14.2.32
3. **(a)** Boas 14.2.39 and **(b)** Boas 14.2.42
4. Boas 14.2.45
5. **(a)** Boas 14.2.56 & **(b)** Boas 14.2.62
6. Boas 14.3.3
7. Boas 14.3.19