DUE: Thursday November 21, 2019

To receive full credit, you must exhibit the intermediate steps that lead you to your final results.

1. Boas, p. 158, problem 3.11–6. After solving this problem, generalize the result to the case of n dimensions.

2. Boas, p. 159, problem 3.11–9.

3. Boas, p. 159, problem 3.11–10.

4. Boas, p. 159, problem 3.11–19.

5. Boas, p. 159, problem 3.11–21.

6. Boas, p. 159, problem 3.11–32.

7. Boas, p. 160, problem 3.11–42.

8. Boas, p. 161, problem 3.11–58.

9. Boas, p. 161 problem 3.11–60.

10. Boas, p. 171 problem 3.12–4.

11. Boas, p. 172, problem 3.12–16.

12. Boas, p. 184, problem 3.14–15.