

*DUE: TUESDAY October 23, 2012*

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

1. Boas, problem p. 594, 12.16–6
2. Boas, problem p. 597, 12.17–3
3. Boas, problem p. 597, 12.17–4
4. Boas, problem p. 598, 12.17–13
5. Boas, problem p. 599, 12.18–4
6. Boas, p. 600, problem 12.18–6
7. Boas, p. 603, problem 12.19–1
8. Boas, p. 604, problem 12.20–6
9. Boas, p. 615, problem 12.23–10
10. Boas, p. 616, problem 12.23–19
11. Boas, p. 616, problem 12.23–24
12. Boas, p. 618, problem 12.23–26

*REMARK:* Bauer's formula plays a key role in scattering theory in quantum mechanics.