

1. (8 pts) Problem 1.63 in Griffiths (same in 4th ed). *Find the divergence ...*
2. (8 pts) Problem 2.5 in Griffiths (same in 4th ed). *Find the electric field ...*
3. (8 pts) Problem 2.30 in Griffiths (2.29 in 4th ed). *Check that Eq. 2.29 ...*
4. (8 pts) Problem 2.35 in Griffiths (2.34 in 4th ed). *Find the energy ...*
5. (8 pts) Problem 2.51 in Griffiths (2.50 in 4th ed). *The electric potential ...*