

## PH42 - Fall 2014 - Problem Set 8

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- ① 29-16
- ② 30-5
- ③ 30-16
- ④ 30-17
- ⑤ 30-25
- ⑥ 29-66
- ⑦ 29-73
- ⑧ 29-56
- ⑨ Is it possible to define a magnetic potential energy for a charged particle moving in a magnetic field? Explain.
- ⑩ If a strong current flows through a thick wire it tends to cause a compression of the wire. Explain.
- ⑪ 29-39
- ⑫ 29-46
- ⑬ 29-72