

Physics 100 - Spring 2009 - Problem Set 8

- ① 16-2, p 406 conc. ex
- ② 16-7, p 406 conc. ex.
- ③ 16-12, p 406 conc. ex.
- ④ 16-20, p 406 conc. ex.
- ⑤ 16-24, p 406 conc. ex.
- ⑥ 16-25, p 406 conc. ex.
- ⑦ 16-29, p 406 conc. ex.
- ⑧ 16-32, p. 406 conc. ex.
- ⑨ 16-34, p. 406 conc. ex.
- ⑩ 16-4, p 407, Problem
- ⑪ 5-14, p 111, conc. ex.
- ⑫ 5-17, p 111, conc. ex.
- ⑬ Calculate your "Weight" on the surface of a neutron star
Assume a mass 8 times that of the Sun
and a radius of 10 kilometers.
Mass of the Sun $\approx 2 \times 10^{30}$ kg