

### Even Answers for §6.4 Homework

Some of these were hastily computed, so if you think I'm wrong, it's totally possible – get in touch a.s.a.p. and I'll try to straighten out any issues.

2. 1176J

8. 0.3125J

10. 6.75 ft-lbs

12. 8cm

16. 3200 ft-lbs

18. 125 ft-lbs

20.  $108,000\pi$  ft-lbs

22.  $\approx 1.04 \times 10^6$ J

24.  $\approx 3.07 \times 10^4$  ft-lbs