Errata
Physics of the Body, Second Edition

In developing the Answer Guide to Physics of the Body, Second Edition* it was found that a few answers given in the textbook are incorrect.

Chapter 2
Page 25, problem 2.1: The correct answer for part (a) of this problem is T= 2920 min ~ 49 hr.
Page 29, problem 2.5: There is a typo in the problem statement: the exponent should be +7, not −7, as gasoline has an energy content of 4.77×10^7 J/kg, as shown correctly in Table 2.1.
Page 36, problem 2.10(c): The correct answer for part (c) is 43 kcal/hr or 50 W.
Page 36, problem 2.12: The correct answer is 435 kcal/hr or 505 W.

Chapter 3
Page 51, problem 3.7(c): The correct answer is: The comparative stress amounts to $9.6 \times 10^4 / 1.1 \times 10^7$ $= 8.7 \times 10^{-3}$, or less than 1% of the rupture strength of the vertebra.

Chapter 4
Page 103, problem 4.2(a): The units in the answer should be N, not N/m^2.

Chapter 8
Page 195, problem 8.8: The correct answer is 1.8×10^4 Pa, or 130 mm Hg.

Chapter 10
Page 261, problem 10.5: The correct answer is 3.6×10^{-11} m.