

PROBLEM 2.94

- (a) T. See Sec. 2.3.
- (b) T. See Sec. 2.4.
- (c) F. See Sec. 2.5.
- (d) F. $\Delta KE = -1.5 \text{ Btu.}$
- (e) F. See Secs. 2.2.1, 2.4.1

PROBLEM 2.95

- (a) T. See Secs. 2.2.4, 2.2.5
- (b) T. See Sec. 2.3
- (c) F. See discussion of Eq. 2.47.
- (d) F. $\Delta PE = -80 \text{ ft} \cdot \text{lb} \cdot \text{f.}$
- (e) T. See Eq. 2.34 and Table 2.1 data.

PROBLEM 2.96

- (a) F. See Sec. 1.3.2
- (b) T. See discussion of Joule's experiments in Sec. 2.5.
- (c) F. Apply Eq. 2.31 with data from Table A-19.
- (d) F. See Sec. 2.4.1.
- (e) T. See discussion of radiation in Sec. 2.4.2.

PROBLEM 2.97

- (a) T. See discussion of Eq. 2.12.
- (b) F. See Sec. 2.4.2.
- (c) T. See discussion of Eq. 2.40.
- (d) F. See Sec. 2.7.2
- (e) T. See Secs. 2.1.1, 2.12.