

PHYS 2050 – UNIVERSITY PHYSICS I
Physics for Scientists and Engineers, 9th edition, Serway & Jewett

Chapter 1: PHYSICS AND MEASUREMENT

READING ASSIGNMENT: all

HOMEWORK ASSIGNMENT:

Problems: 2, 3, 5, 11, 12, 15, 17, 21, 24, 27, 34, 35, 36, 53, 63, 70
(Underlined problems will be worked out in class.)

Answers to even-numbered problems for Chapter 1:

2) $2.15 \times 10^4 \text{ kg/m}^3$

24) $290 \text{ m}^3 = 2.9 \times 10^8 \text{ cm}^3$

34) $\sim 10^7 \text{ rev}$

36) (a) 3; (b) 4; (c) 3; (d) 2

70) 1.44 km