Homework Problem 1

Problem 1

Solve "Think and Explain" Problem 24, page 18, in Chapter 1 of "Hewitt".

Problem 2

Answer Problem 28, p.18

Problem 3

Answer Question 30, p.18.

Problem 4

A room has dimensions of 4 m width, 500 cm length, and 0.003 km height. What is its volume? (You MUST give your answer in the correct units, which should be SI units).

Problem 5

The accepted value of the speed of light today is 299,792,458 m/s. Could a more precise measurement of that speed in the future yield a different value?