

Homework Problem Set 2 – due 9/14/21

Problem 1

Solve Hewitt Problem 2.44 (Chapter 2, problem 44, p. 36).

Problem 2

Solve Hewitt Problem 2.48 (Chapter 2, problem 48, p. 37).

Problem 3

Solve Hewitt Problem 2.38 (Chapter 2, problem 38, p. 36).

Problem 4

Solve Hewitt Problem 2.60 (Chapter 2, problem 60, p. 37)

Problem 5

Solve Hewitt Problem 2.90 (Chapter 2, problem 90, p. 38)

Problem 6

Solve Hewitt Problem 2.74 (Chapter 2, problem 74, p. 38)

Extra credit: What would you answer to someone who says “When your feet are tired at the end of a day of standing, it’s not gravity that tired them out, but the force exerted by the floor on the bottom of your feet!” The answer is actually quite interesting – it got Einstein started on his General Theory of Relativity (and Gravity).