

Homework Assignments:**Chapter 1:**

Questions: 4, 5, 10

Problems: 1, 6, 9, 14, 18, 19, 25, 26

Chapter 2:

Questions: 6

Problems: 5, 9, 13, 17, 20, 32, 34, 39, 55, 58

Chapter 3:

Questions: 3, 10

Problems: 9, 11, 20, 23, 25, 30, 32, 51

Chapter 4:

Problems: 14, 26, 36, 45, 53, 60, 61, 67, 71, 85

Chapter 5:

Problems: 9, 10, 17, 19, 21, 23, 33, 41

Chapter 6:

Problems: 4, 13, 19, 27, 30, 37, 40, 47, 52, 55, 63

Chapter 7:

Problems: 3, 10, 12, 17, 23, 25, 28, 35, 39, 41

Chapter 8:

Problems: 5, 9, 20, 25, 33, 36, 39, 47, 48, 64

Chapter 9:

Problems: 3, 11, 15, 21, 25, 39, 47, 51, 53

Chapter 10:

Problems: 5, 11, 17, 22, 25, 27, 31, 33, 42, 48, 52

Chapter 11:

Problems: 7, 24, 29, 35, 45, 47, 55, 57, 62, 63

Chapter 12:

Problems: 6, 11, 13, 21, 29, 33, 40, 49, 59, 65

(Answers: 25°C, 1500 m, 8×10^{-4} , 41°C, 230°C, 9.0 mm, 121 kg, 6.7×10^2 W, 0.223 3.50 $\times 10^2$ m/s)

Chapter 13:

Problems: 5, 11, 14, 19, 23

Chapter 14:

Problems: 5, 18, 19, 25, 34, 37

Chapter 15:

Problems: 5, 10, 13, 19, 29, 31, 43, 48, 61, 71