

Reading Assignments

Physics 123, Sect. 1, Spring 2010

In advance of Assignment	Serway, Edition 5 Reading	Serway, Edition 6 (Almost same as Edition 7) Reading
1	15.1 – 15.3	14.1 – 14.3
2	15.4	14.4
3	15.5 – 15.7	14.5 – 14.6
4	Skim Ch. 16, 16.7 – 16.8, Note Eq. 16.4	Skim Ch. 16, Study 16.2, 16.5, Eq. 16.18
5	17.1 – 17.4	17.1 – 17.3
6	17.5	17.4
7	18.1, 18.2, 18.7	18.1, 18.2, 18.7
8	18.3 – 18.5	18.3 – 18.5
9	19.1 – 19.5	19.1 – 19.5
10	20.1 – 20.3	20.1 – 20.3
11	20.7 In Table 20.3, diamond should be 151	20.7 In Table 20.3, diamond should be 151
12	20.4 – 20.6	20.4 – 20.6
13	21.1, 21.6, 21.7	21.1, 21.6-7
14	21.2 – 21.4	21.2 – 21.4
15	22.1 – 22.3	22.1, 22.3, 22.4
16	22.4, 22.5	22.2, 22.5
17	22.6 – 22.8	22.6 – 22.8
18	35.1, 35.2, 35.5, 35.7, 35.8	35.1, 35.2, 35.5, 35.7, 35.8
19	38.6 until middle p. 1233, 36.1 – 36.2	38.6 until top p. 1229, 36.1 – 36.2
20	36.3 – 36.4	36.3 – 36.4
21	36.5 – 36.7	36.5 – 36.7
22	36.8 – 36.10	36.8 – 36.10
23	37.1 – 37.3, 38.4	37.1 – 37.3, 38.4
24	37.5 – 37.7	37.5 – 37.7
25	38.1 – 38.3	38.1 – 38.3
26	39.1 – 39.4	39.1 – 39.4
27	39.5, 39.6	39.5 – 39.6
28	39.7, 39.8, 39.10	39.8 – 39.10
29	40.1, 40.2	40.1, 40.2
30	40.3 – 40.5, 42.1	40.3, 42.1 – 42.3
31	40.6, 40.7, 41.1, 41.2	40.5 – 40.8
32	44.1, 44.3, 44.5	44.1, 44.3 – 44.5
33	44.6 – 44.8, Skim Ch. 45	44.6, 44.7, Skim Ch. 45

CAUTION: W is defined to be the work done *on* the gas. If you are using edition 5, beware that W is defined to be the work done *by* the gas. Watch out for the resulting minus sign, which is pervasive through the formulas!

Problems that Refer to Items in the Book

Problem Number	Serway, Edition 5 Item	Serway, Edition 6 Item
5-2	Table 15.1, Table 17.1	Table 14.1, Table 17.1
7-3	Eq. 16.4, Eq. 16.14	Eq. 16.12, Eq. 16.18
11-1	Table 15.1, Table 20.1, Table 20.2, Table 20.3	Table 14.1, Table 20.1, Table 20.2, Table 20.3
13-3	Fig. 21.12, Eq. 21.26	Fig. 21.12, Eq. 21.26
14-2	Table 21.2	Table 21.2
23-4	Eq. 38.10	Eq. 38.10
27-4	Eq. 39.20	Eq. 39.20
29-3	Eq. 40.1, Eq. 40.3	Eq. 40.2, Eq. 40.6
33-4	Example 45.2	Example 45.3