

PROBLEM CHANGES IN BOYCE/DIPRIMA 9e

Note: first column lists problems in 9th ed; second column states where they appeared in 8th ed or if they are new problems.

CHAPTER 1

no changes in problems

CHAPTER 2

no changes in Sections 2.1 through 2.9.

Miscellaneous Problems

1	1
2	new
3	3
4	new
5 - 6	5 - 6
7	new
8 - 9	8 - 9
10	31
11 - 12	11 - 12
13	new
14 - 15	14 - 15
16	new
17	17
18	new
19	28
20	20
21	new
22	22
23 - 24	new
25	25
26	21
27	7
28	18
29	2
30	10
31	32
32	23
33 - 51	33- 51

CHAPTER 3

no changes in Section 3.1

Section 3.2 (has been combined with Section 3.3 in 8th ed)

1 - 20	3.2/ 1 - 20
21	new
22 - 28	3.2/ 21 - 27
29 - 40	3.3/ 15 - 26
41 - 51	3.2/ 28 - 38

Section 3.3

1 - 33	3.4/ 1 - 33
34	3.4/ 38 modified
35 - 38	3.4/ 39 - 42
39 - 42	new
43 - 46	3.4/ 34 - 37

Section 3.4

1 - 42	3.5/ 1 - 42
43 - 46	new

Sections 3.5, 3.6, and 3.7

no changes from corresponding sections in 8th ed

Section 3.8

1 - 12	3.9/ 1 - 12
13	3.9/ 13 expanded (the first "Derive" should be part (a))
14 - 25	3.9/ 14 - 25

CHAPTER 4

Section 4.1

1 - 24	1 - 24
25	3.3/ 28 modified
26 - 28	26 - 28

Sections 4.2 through 4.4

no changes

CHAPTER 5

Section 5.1

no changes

Section 5.2

1- 14	1 - 14 modified; problems now have separate parts (a),..., (d); part (c) is new DE's are unchanged
15 - 18	15- 18
19	19 modified by making separate parts (a), (b).
20 - 28	20 - 28

Section 5.3

no changes

Section 5.4 (has been combined with Section 5.5 in 8th ed)

1 - 16	5.5/ 1 - 16
17 - 34	5.4/ 1 - 18
35 - 40	5.5/ 17 - 22
43 - 49	5.4/ 19 - 27

Section 5.5 (5.6 in 8 ed)

1 - 10	1 - 10	modified; problems now have separate parts (a),..., (d).
11	11	modified; separate parts (a) and (b)
12	12	
13	13	modified; separate parts (a), (b), (c).
14	14	modified; separate parts (a),..., (d).
15	15	
16	16	modified; separate parts (a),..., (e).

Section 5.6 (5.7 in 8 ed)

1 - 12	1 - 12	modified; separate parts (a) and (b).
13 - 17	13 - 17	
18	18	modified; separate parts (a),..., (d).
19 - 21	19 - 21	

Section 5.7

no changes

CHAPTER 6

Sections 6.1 and 6.2

no changes

Section 6.3

1 - 6	1 - 6
7 - 12	new
13 - 40	7 - 34

Section 6.4

1 - 13	1 - 13	modified; separate parts (a) and (b).
14 - 23	14 - 23	

Section 6.5

1 - 12	1 - 12	modified; separate parts (a) and (b).
13 - 25	13 - 25	

Section 6.6

no changes

CHAPTER 7

Section 7.1

8 - 12	8 - 12	modified; separate parts (a), (b), (c)
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Section 7.2

no changes

Section 7.3

1 - 5	1 - 5
6	new
7 - 25	6 - 24

26	26 and 31
27	25
28 - 31	27 - 30
32 - 33	32 - 33

Section 7.4

no changes

Section 7.5

1 - 6	1 - 6 modified; separate parts (a) and (b)
7 - 8	7 - 8 modified; separate parts (a) and (b)

Section 7.6

1 - 6	1 - 6 modified: separate parts (a) and (b)
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Section 7.7

1 - 10	1 - 10 modified: separate parts (a) and (b)
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Section 7.8

1 - 4	1 - 4 modified: separate parts (a),(b),(c)
5, 6	5 - 6 instructions separate from those for 1 - 4
7 - 10	7 - 10 modified: separate parts (a) and (b)
11 - 12	11 - 12 modified: separate parts (a) and (b)

Section 7.9

no changes

CHAPTER 8

no changes

CHAPTER 9

Section 9.1

no changes

Section 9.2

1 - 4	1 - 4
5 - 16	new part (d) added
5 - 6	5 - 6
7, 8	new
9 - 13	9 - 13
14 - 16	new
17 - 28	15 - 26

Note: old Problems 7, 8, 14 deleted

Section 9.3

1 - 8	1 - 8
9	new (replaces old Problem 9)
10 - 16	10 - 16
17, 18	new
19 - 30	17 - 28

CHAPTER 11

Section 11.1

7 -10 7 - 10 modified; separate parts (a),..., (d)

21 21 modified; part (a) separated into (a, b, c); part (b) separated into (d, e)

25 25 modified; part (c) separated into (c, d)

otherwise no changes in this section

Section 11.2

20 20 modified; problem has been reworded and separated into parts

otherwise no changes in this section

Sections 11.3 through 11.6

no changes