

Available Instructor Resources

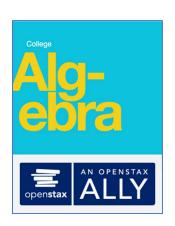
Instructional Resources

- Lecture Notes PPT: Jared Eusea of River Parishes Community College.
- **Learning Objectives**: Robert Weston.
- Textbook Image PPT: Including all images from the textbook, organized by Chapter.
- Instructor Solution Manual: Instructor-facing answers to the problems and exercises within the textbook. Please do not publicize it to students.

Algorithmic Questions

- Below is a partial list of available algorithmic questions. Each question has multiple versions, detailed solutions, hints, and linked textbook content for objectives and prerequisites.
- You may request any questions not listed here or submit your own questions. We add new algorithmic questions weekly.
- eMath can also provide you customized solutions to fit your instruction.

Section	Questions in the Textbook
1.1	1, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24, 25, 26, 27, 28, 29, 30, 31, 34, 35, 36, 38, 41, 42, 43, 44, 45, 47, 48, 50, 51, 52, 53, 54, 56
1.2	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 35, 36, 39, 41, 43
1.3	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,21, 22, 23, 24, 25, 27, 29, 30, 31, 33, 35, 37, 39, 41, 43, 44, 45, 47, 49, 51, 53, 55, 57, 59, 61, 62
1.4	5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 17, 19, 21, 23, 24, 25, 26, 27 31, 33, 35, 37, 39, 41, 43, 45, 46, 47, 50, 51, 52
1.5	4, 6, 7, 9, 10, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 30, 31, 33, 35, 37, 38, 39, 41, 43, 45, 47, 49
1.6	4, 5, 6, 8, 9, 11, 13, 14, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 42, 45,47, 50
Chapter 1 Review	1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 67, 68, 70
2.1	5, 7, 9, 11, 13, 15, 17-20, 22-26, 30, 31, 32, 34, 35, 36, 38, 39, 41, 42





2.2	6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22-29, 30-35, 36, 37, 39, 40-44, 45
2.3	6, 7, 8, 9-12, 13-16, 17-18, 19, 20, 21, 22, 23, 24-27, 32-54
2.4	11-14, 15-41, 47, 49, 51, 53, 55, 56, 42-44
2.5	6-17, 19-24, 25-31, 32-37, 38-43
2.6	6-12, 13-19, 20-28, 29-36, 37-41
2.7	6-14, 5-23, 24-27, 28-32, 33-37, 43-46, 47-50, 51-53, 59-62
Chapter 2 Review	1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12-16, 17, 18, 19-22, 26, 27, 30-39, 40-43, 44, 45, 46, 47, 48, 49, 50, 51, 52-59, 60-65, 66, 67, 68, 69
3.1	6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 27-31, 32, 33, 34-39, 41, 43, 45, 47, 49, 51, 52, 53, 54, 55, 56, 57, 60-62, 63-65, 66-67, 68, 69, 70, 71, 72, 73, 74
3.2	6-25, 27-37, 38-45, 46-48, 49-51, 52-54, 60, 61
3.3	18-20, 22-23, 24-25
3.4	5-10, 11, 12-17, 18-19, 20, 21, 22,23, 24, 25, 26-41, 51, 53, 55, 57, 58-65, 66-71, 76-79, 80-83,87-88
3.5	6-9, 10-19, 20-23, 24-26, 41-42, 43-46, 47, 49, 51, 53, 55, 57, 59, 61, 63-68
3.6	16-18, 19-31
3.7	7-12, 17-18, 23-24, 37-40
Chapter 3 Review	1, 2, 5-6, 7-8, 9-11, 12-13,18-19, 20-23, 27-31, 32-33, 34-38, 39, 41, 43, 45-49, 52, 57-59, 60-62, 66-68, 69-70, 75-76
4.1	14-23, 24-28, 31-36, 37-40, 41-46, 52-55, 56-57, 58-63, 70-75, 76-84, 85-88, 89- 96
4.2	9-10, 11-12
4.3	8-11, 12
Chapter 4 & Review	1, 2, 3, 4, 5,6, 7, 8, 9, 10, 11,13, 14, 15, 16, 19, 20, 21, 22
5.1	6-13, 14-20, 21-25, 26-33, 34-39, 40-45
5.2	12-16, 17-24, 25-30, 31-38, 39-45
5.3	6-23, 24-29, 30-41, 42-47, 48-52, 53-56, 57-66
5.4	3-13, 14-37, 38-43, 49-53
5.5	5-13, 14-21, 22-39, 46-55, 56-60
5.6	6-9, 10-19, 20-24, 30-34, 39-50, 51-56
5.7	5-11, 12-15, 16-30, 31-40, 41-45
5.8	4, 10, 11, 14, 24, 29
Chapter 5 & Review	1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21-24, 25-28, 29, 30, 31-34, 35, 36, 37-42



```
6.1
              31-33, 34, 37, 42, 44-50
6.2
              8-10, 23-25, 26-28, 29-31, 32-37, 38-40, 43-45
6.3
              6-15, 16-25, 26-35, 36-41, 42-45, 46-49, 50-53
6.4
              6-10, 11-15, 16-20, 21-25, 33-35, 36-39, 43-48, 49-52
6.5
              3-8, 9-14, 15, 16, 20-23, 25, 30-32
6.6
              4-8, 11-28, 29, 30, 31-35, 36-43, 44-50
6.7
6.8
              9,12,13, 14, 15, 16, 18, 19, 21, 25, 26, 27, 28, 29, 30, 31, 32, 36, 42, 43, 44, 45,
Chapter 6
Review
              46, 47, 48, 49, 52, 53
7.1
              6-10, 11-20, 21-30, 31-40, 41-45, 61, 62, 67, 69
7.2
              11-45
7.3
              6-10, 11-14, 16-23, 24-38
7.4
              6-19, 20-28
7.5
              6-11, 12-17, 18-23, 24-29, 30-40, 41-49, 50-54
7.6
              6-10, 11-15, 16-46
7.7
              6-12, 13-26, 35-42
7.8
              None
Chapter 7
               1, 2, 3, 4, 5, 6, 7, 8, 11-18, 21-25, 31-37, 51, 53-55, 59, 60, 61-64, 67, 68, 71-73,
Review
              75, 78
8.1
              7, 8, 9, 11-19, 27, 28, 29, 32-38
8.2
              11-18, 26, 27, 28, 31-37, 45, 46, 47, 51, 55
8.3
              11-30, 31-35,
8.4
              None
8.5
              None
Chapter 8
              5, 6, 12, 13, 16, 17, 26, 27, 30
Review
9.1
              34, 35, 37, 38, 39, 41, 42
9.2
              6, 7, 8, 9, 14-18, 24, 25 43-52
9.3
              6-8, 9, 11, 13, 18, 19, 20, 21
9.4
              30, 31, 34, 35, 36, 38, 39, 40
9.5
              15-24, 25-27, 30-32
              5-12,
9.6
9.7
              14-17, 27, 28
Chapter 9
              2, 5, 6, 8, 11, 13, 14, 16, 19, 35, 37, 39, 41, 43, 46, 48-53
Review
```



Section	Sample Assignment	Question Numbers in the Textbook
1.1	Homework Quiz	4, 7, 14, 19, 20, 30, 40, 41, 43, 51, 53, 54, 56 7, 10, 13, 31, 32, 38, 44, 51
1.2	Homework Quiz	7, 8, 11, 12, 13, 19, 23, 25, 26, 27, 31, 33, 36, 40, 43, 50 14, 21, 24, 28, 33, 40
1.3	Homework Quiz	7, 8, 14, 20, 23, 29, 33, 35, 37, 40, 46, 47, 49, 56, 60 11, 12, 19, 28, 32, 42, 44, 52, 53, 54
1.4	Homework Quiz	13, 14, 20, 22, 25, 27, 32, 35, 40, 42 15, 16, 17, 23, 24, 30, 31, 36, 41, 44
1.5	Homework Quiz	5, 6, 9, 10, 13, 16, 19, 25, 26, 34, 39, 40 7, 8, 11, 15, 17, 21, 24, 27, 37, 41
1.6	Homework Quiz	4, 9, 17, 21, 24, 32, 33, 35, 37, 47 5, 10, 14, 18, 25, 26, 34, 38, 39, 46
Chapter 1 Test	Page 70-71	14, 15, 16, 17, 18, 19, 20, 21, 22, 23
	Page 72	4, 6, 7, 8, 12, 14, 15, 19, 21, 22, 23
Chapter 2 Test	Page 158	2, 9, 15, 16, 17, 23
	Page 155-157	6, 8, 19, 20, 21, 27, 31, 32, 33, 34, 38, 45, 52, 59
2.4	Homework Quiz	29, 30, 33, 35, 49, 56 28, 32 11, 12, 13, 14, 38, 41
2.6	Homework Quiz	7, 9, 14, 18, 20, 22, 24, 26, 30, 33, 35, 37 6, 10, 13, 15, 21, 25, 27, 34, 36, 40
2.7	Homework Quiz	7, 10, 13, 15, 20, 21, 22, 24, 28, 31, 43, 46, 47, 50, 52 11, 14, 17, 18, 27, 30, 44, 48, 49, 51
3.1	Homework Quiz	8, 10, 12, 15, 19, 28, 34, 38, 42, 46, 51, 54, 56, 57, 66, 67, 69, 71, 73, 75 9, 11, 17, 22, 27, 35, 37, 41, 48, 52, 58, 61, 62, 64, 65, 70, 72



3.2	Homework Quiz	7, 8, 13, 15, 16, 17, 22, 27, 29, 32, 34, 36, 39, 42, 47, 49, 54 10, 18, 24, 25, 33, 37, 44, 46, 50, 52
3.4	Homework	6, 7, 10, 11A, 11E, 12, 13, 17, 19, 20, 24, 26, 29, 35, 42, 44, 45, 47, 52, 54, 56, 58, 61, 64, 66, 68, 70, 72, 74, 77
	Quiz	5, 8, 16, 18, 23, 27, 28, 41, 43, 51, 57, 59, 60, 67, 71, 73
3.6	Homework Quiz	9, 10, 14, 16, 17, 18, 23, 26, 27 11, 13, 15, 24, 25, 28
Chapter 3 Test	Page 156-157	38, 48, 52, 55, 56, 66
	Page 272 Page 277	2, 10, 15, 16, 21, 35, 36, 43, 52, 65 7, 8
5.1	Homework	6, 10, 15, 20, 22, 25, 27, 33, 42, 43
	Quiz	7, 12, 16, 17, 21, 24, 32, 45
5.2	Homework	9, 11, 13, 15, 18, 19, 22, 24, 26, 27, 32, 34, 36, 39, 41, 44
	Quiz	7, 10, 14, 16, 20, 21, 23, 25, 29, 30, 33, 37, 40, 43
5.3	Homework	7, 8, 10, 14, 15, 23, 24, 27, 30, 35, 36, 38, 50, 52, 55, 56, 57, 59, 61, 5
0.0	Quiz	9, 16, 18, 25, 26, 37, 41, 51, 53, 62, 64, 66
5.4	Homework	3, 5, 6, 9, 12
	Quiz	4, 7, 10, 11, 13
		3-43 All
6.1		44, 45, 46, 47
6.2		23, 25, 26, 27, 28, 29, 30, 31, 43
6.3		6-41, 42-44, 46-48, 50, 51, 53
6.4		6-20, 43-48, 49-52
6.5		9, 11, 20, 21, 23, 30, 31, 32
6.6		4, 5, 6, 8, 10, 12, 13, 14, 26, 29, 30,31,32,33, 36, 38, 44, 46, 50
6.7		28, 31, 32, 33



6.8 none

Chapter 6 Review	2, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 25, 29, 30, 32, 40, 42, 43, 44, 45, 46, 51, 54, 55
7.1	6-40, 56, 61, 62, 74
7.2	6-45, 51, 52
7.3	6-14, 24-31, 33-35, 39, 40, 41-45
7.4	none
7.5	6-11, 12-17, 18-23, 24-29, 30-36, 41-49
7.6	6-46
7.7	13-42
7.8	none
Chapter 7 Review	1, 2, 3, 4, 5, 6, 7, 8, 11-18, 26, 39-50, 53-60, 61-64
8.1	6-10, 11-26, 27-31, 32-45, 46-51
8.2	6-10, 11-25, 26-30, 31-44, 45-50
8.3	none
8.4	none
8.5	none
Chapter 8 Review	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
9.1	21, 22, 23, 26, 27, 34, 35, 36, 37, 38, 39-42
9.2	6, 7, 8, 9, 14-25, 28-40, 43-52
9.3	6-13, 16-21, 24-31, 34-45



9.4	10-19, 22, 23, 34, 35, 38, 39, 42, 43
9.5	6, 7, 15-30
9.6	5-19
9.7	14-17, 18-25, 26-32, 33-42, 47-50
Chapter 9 Review	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13-20, 35, 37, 39, 43, 44, 46, 47-53