

Calculus I Homework Problems

2.1: No homework from this section.

2.2: 1, 3, 4, 5, 6, 7, 9, 11, 13, 15, 19, 21, 23, 24, 25, 26, 27, 28-31 all, 36, 37, 43, 45, 46

2.3: 1-16 all, 17, 21, 25, 27, 29, 33, 34, 39, 42, 45, 46, 49, 50, 51, 53, 55, 60, 53, 65, 67, 68, 69, 71, 73, 75, 77, 81, 82, 83, 85, 89

-- End homework week 1; begin week 2 --

2.4: 1-6 all, 8, 9, 15, 17, 19, 21, 23, 25, 29, 31, 33, 35, 37, 39, 41, 43, 44, 45, 47, 49, 53

2.5: 1-8 all, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 41, 43, 45, 47, 49, 50, 51, 53, 55, 57, 59, 61, 64, 65, 71, 73, 75, 81a, 82

2.6: 1-8 all, 9, 35, 10, 36, 11, 37, 12, 38, 13, 15, 17, 18, 19, 20, 23, 27, 28, 29, 30, 31, 32, 33, 34, 39, 41, 43, 47, 48, 49, 50, 52, 57, 59, 63, 65, 71, 73, 75, 77, 79, 84, 85, 87, 97, 95, 96, 97

-- End homework week 2; begin week 3 --

2.7: 1-8 all, 9, 11, 15, 19

3.1: 1-6 all, 9, 21, 31, 37, 38, 39, 40, 41, 42, 46, 47, 49, 51, 55, 56, 59, 62, 63

-- End homework week 3; begin week 4 --

3.2: 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 21, 25, 29, 33a, 35

3.3: 1, 3, 4, 5, 6, 7, 9, 10, 13, 16, 19, 21, 23, 25, 28, 29, 33, 35, 39, 45, 49, 51, 54, 55, 56, 57, 59, 61, 71

3.4: 1, 2, 4, 6, 7, 9, 11, 13, 14, 17, 19, 21, 23, 25, 27, 28, 31, 33, 37, 39, 41, 43, 49, 51, 53, 55, 57, 58, 59, 60, 63, 69, 81, 82*

3.5: 3, 4, 5, 6, 17, 19, 21, 23, 25, 27, 28, 29, 33, 39, 41, 43, 57, 61, 63, 68, 69, 71, 7, 9, 13, 50, 51, 54, 76, 77, 81, 82, 83, 84

-- End homework week 4; begin week 5 --

3.6: 1, 2, 3, 4, 5, 6, 7, 9, 13, 19, 23

3.7: 3, 4, 5, 6, 7, 11, 15, 19, 23, 27, 31, 33, 35, 37, 43, 45, 51, 57, 63, 67, 87, 91

-- End homework week 5; begin week 6 --

3.8: 2, 3, 5, 9, 13, 17, 21, 25, 27, 31, 35, 37, 41, 45, 48, 52, 55, 59, 73, 77

3.9: 2, 3, 9, 11, 21, 25, 29, 31, 37, 43, 45, 47, 49, 50, 53, 55, 59, 63, 67, 70, 73, 97,

3.11: 5, 6, 7, 8, 9, 13, 15, 17, 21, 23, 25, 28, 29, 34, 35, 37, 39, 41, 47, 55

**Note: Week 6 includes about half of section 3.11. Problems you don't do this week will be homework next week.

-- End homework week 6; begin week 7 --

3.10: 1, 2, 3, 7, 8, 13, 19, 22, 25, 31, 35, 37, 38

4.1: 11, 12, 13, 15, 16, 17

4.1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 18, 19, 23, 25, 28, 29, 33, 37, 39, 43, 47, 51, 52, 53, 54, 57, 61, 71, 76

4.2: 2, 6, 7, 8, 9, 11, 12, 13, 14, 15, 17, 21, 27, 39, 43, 49, 53, 54, 57, 67, 71, 79, 85, 87

4.3: 9, 11, 15, 17, 18, 19, 21, 23, 27, 31, 45, 47

-- End homework week 7; begin week 8 --

4.4: 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 35, 37

4.5: 7, 9, 11, 13, 14, 15, 16, 17, 19, 21, 23, 29, 31, 35, 43, 47

-- End homework week 8; begin week 9 --

4.7: 1, 3, 12, 13, 15, 16, 19, 21, 23, 25, 27, 31, 33, 37, 41, 45, 49, 53, 57, 61, 62, 63, 67, 69, 73, 75, 78, 80

-- End homework week 9; begin week 10 --

4.6: 1, 2, 3, 4, 5, 6, 7, 15, 16, 13, 23, 26, 27, 33, 35

4.8: 10, 11, 12, 14. (For these, instead of the directions specified, start at the point given and calculate the first 3 iterations by hand or with a calculator.)

4.9: 11, 13, 15, 17, 19, 21, 23, 26, 27, 33, 37, 41, 45, 46, 47, 53, 59, 61, 67, 73, 77, 81, 83, 91, 95

5.5: 2, 3, 4, 5, 6, 13-38 all

-- End homework week 10; begin week 11 --

5.1: 4, 5, 6, 7, 8, 9a, 10a, 11, 35, 36, 39, 40, 41, 55

5.2: 6, 7, 10, 15, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 36, 37, 38, 40, 41b, 42d, 69

5.3: 29-50, 9, 11, 13, 17, 25, 51, 53, 61, 63, 65, 67, 69, 71, 112, 114

5.5: 2, 3, 4, 5, 6, 13-38 all, 45-52 odd, 64, 65, 69-82 odd

-- End homework week 11; begin week 12 --

5.4: 7, 8, 9, 11, 12, 13, 17, 18, 21, 35

-- End homework week 11; begin week 12 --

6.1: 7, 8, 9, 11, 15, 17, 22, 25, 27, 28

6.1: 40, 41, 42, 44, 45, 47

6.2: 9, 11, 13, 15, 19, 33, 52, 53

6.2: 23, 24, 25, 26, 31, 33, 41, 47

6.3: 7-52 every 3rd problem. (7, 10, 13, 16, etc)

6.4: 5-62 every 3rd problem (5, 8, 11, etc)

6.5: 3, 4, 5, 6, 7, 9, 11, 15, 27, 29

6.6: 5, 7, 9, 11, 17

-- End Course Content --