**MAT 130 – Assignments FA20**

# Assignment 1 (39)

* P.1: 8, 12, 20, 22, 38, 46, 56, 60, 64, 70
* P.2: 12, 16, 20, 26, 40, 42, 44, 54, 56, 62
* P.3: 18, 22, 34, 38, 42, 46, 50, 76, 80
* P.4: 14, 22, 26, 30, 36, 40, 46, 56, 60, 74

# Assignment 2 (35)

* P.5: 10, 14, 28, 34, 36, 42, 44, 50, 73
* P.6: 12, 14, 16, 24, 32, 38, 40, 44
* 1.1: 12, 18, 22, 28, 32, 38, 44, 64, 70, 74
* 1.2: 24, 28, 34, 48, 52, 62, 58, 70

# Assignment 3 (34)

* 1.3: 32, 38, 44, 46, 50, 62, 68, 70
* 1.4: 10, 14, 24, 30, 78, 92, 106, 112
* 1.5: 14, 24, 28, 32, 34, 48, 50, 70, 76
* 1.6: 6, 14, 18, 20, 38, 48, 58, 100, 102

# Assignment 4 (36)

* 1.7: 8, 22, 34, 42, 70, 90, 92, 96, 102
* 1.8: 8, 22, 26, 36, 40, 58, 68, 74, 78
* 2.1: 14, 18, 24, 30, 38, 66, 72, 74, 96, 98(a-c)
* 2.2: 8, 10, 20, 26, 30, 42, 46, 66

# Assignment 5 (38)

* 2.3: 12, 16, 22, 30, 36, 40, 52, 72, 80
* 2.4: 18\*, 24\*, 28, 30
* 2.5: 10(a, b, d, e), 12, 14, 16, 18, 20, 44, 46
* 2.6: 8, 12, 14, 22, 30, 32, 48, 58
* 2.7: 16, 19, 22, 26, 36, 42, 44, 56, 58

\* - I do not need to see these problems on your submission; they are just for practice with using graphing utility

# Assignment 6 (32)

* 3.1: 5-8, 48, 66, 68, 70, 72
* 3.2: 20, 26, 28, 42, 44, 74, 78, 90
* 3.3: 16, 22, 30, 36, 44, 52, 56, 64
* 3.4: 16, 24, 28, 32, 34, 58, 74

# Assignment 7 (26)

* 3.5: 10, 14, 18, 40, 42, 44, 46, 54, 56, 58, 60, 64, 66, 70
* 4.1: 6, 12, 14, 18, 22, 26, 29-32, 42, 44

# Assignment 8 (23)

* 4.2: 16, 20, 24, 28, 32, 36, 40, 44, 48, 56, 88
* 5.1: 12\*, 18, 22, 26, 28, 35, 46, 52, 58, 60, 62, 64

All sketches done by hand (you should use the graph paper that has four graphs per side for most)

\* - change the 1.2 to a 1.02

# Assignment 9 (25)

* 5.2: 10, 12, 16, 18, 24, 26, 28, 30, 32, 42, 58, 80, 83
* 5.3: 10, 12, 16, 22, 34, 36, 42, 46, 50, 62, 66, 70,

# Assignment 10 (23)

* 5.4: 22, 26, 30, 34, 38, 42, 48, 52, 56, 58, 60, 72, 82, 86
* 5.5: 30, 32, 34, 36, 38, 40, 42, 44, 58(a, b)

# Assignment 11 (24)

* 9.1: 6, 16, 18, 20, 30, 32, 34, 60, 64
* 9.2: 14, 18, 22, 26, 30, 36, 38, 40
* 9.3: 8, 12, 24, 28, 32, 38, 66

# Assignment 12 (15)

* 10.1: 10, 14, 18, 24, 46, 48\*, 64, 66\*, 68\*, 76, 78\*, 80\*, 82\*, 84\*, 96\* (a-d)
* 10.2: 6, 12, 14, 16\*, 20\*, 22\*, 28\*, 36, 38, 40\*, 46\*

\* - Use your graphing calculator’s matrix capabilities as an aid