

Course Syllabus: **Structure of the Number System I**

College of Science, Mathematics and Engineering

MATH 2033 Section 201

Spring 2022

Suggested Homework Problems

Section 1.1: 2, 3, 4, 7, 8, 9, 10, 12, 16, 17, 19, 20, 22, 25, 31, 32, 36, 38, 40, 42, 43, 47, 48, and 49.

Section 1.3: 7, 8, 9, 10, 11, 16, 17, 23, 24, 25, 29, 30, 31, 34, 38, 39, 40, 44, and 46.

Section 2.1: 1, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 20, 21, 25, 26, 27, 29, 30, 32, 33, 38, 39, 41, 42, and 43.

Section 2.2: 1, 4, 8, 9, 10, 11, 26, 27, 28, 29, 30, 31, 41, 43, 45, 54, 59, 60, 61, 62, 63, and 64.

Section 2.3: 1, 2, 3, 4, 8, 16, 17, 22, 23, 26, 27, 30, 31, 32, 33, 34, 35, 36, 37, 42, 52, 54, 56, 57, 58, 59, 61, and 62.

Section 2.4: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 21, 22, 23, 24, 26, 27, 28, 31, 32, 33, 35, 36, 40, 41, 45, 50, and 51.

Section 3.1: 1, 2, 3, 4, 5, 6, 7, 11, 14, 15, 16, 17, 20, 21, 24, 25, 30, 31, 34, 35, 37, 40, 41, 42, 44, 46, 51, 52, 56, 57, 58, 61 and 63.

Section 3.2: 1, 2, 3, 10, 12, 13, 14, 15, 16, 22, 26, 27, 28, 31, 32, 36, 37, 38, 39, 42, 47, 51, 52, 53, 59, 60, and 61.

Section 3.3: 1, 3, 5, 6, 8, 10, 13, 14, 16, 19, 20, 21, 23, 24, 27, 28, 29, 39, 50, 52, 55, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, and 72.

Section 4.1: 2, 3, 8, 10, 11, 14, 25, 26, 32, 33, 34, 35, 41, 42, 43, 44, 45, 46, 48, 50, 53, 56, and 58.

Section 4.2: 2, 3, 4, 5, 7, 8, 17, 19, 24, 25, 26, 37, 38, 39, 40, 41, 42, 43, 48, 49, 57, 58, 59, 60, 61, 64, and 65.

Section 4.3: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16, 20, 21, 25, 26, 27, 33, 34, 37, 39, 42, 43, 45, 46, 48, 50, 53, 56, and 58.

Section 5.1: 1, 2, 3, 5, 7, 13, 17, 22, 23, 27, 31, 33, 34, 35, 36, 37, 41, 42, 46, 49, 50, 53, 54, 55, and 58.

Section 5.2: 1, 2, 3, 4, 5, 6, 16, 17, 28, 30, 31, 32, 33, 34, 38, 39, 41, 42, 43, 46, 49, 50, 51, 53, 54, and 55.

Section 5.3: 1, 2, 3, 7, 9, 11, 12, 16, 17, 25, 29, 30, 31, 32, 33, 42, 45, 50, 55, 56, 57, 59, 60, 61, 62, and 63.

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Section 6.2: 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 18, 21, 22, 29, 31, 34, 35, 36, 37, 39, 41, 45, 46, 51, 57, 58, and 61.

Section 6.3: 1, 2, 4, 5, 7, 8, 10, 12, 13, 17, 22, 24, 27, 29, 31, 33, 38, 39, 41, 42, 43, 46, 47, 48, 49, 50, 51, 55, 59, 60, 61, and 63.

Section 7.1: 1, 3, 5, 7, 8, 10, 13, 15, 19, 21, 26, 27, 28, 29, 35, 37, 39, 41, 43, 44, 49, 50, 51, 52, and 53.