

**MATH 115: ELEMENTARY NUMBER THEORY**  
**HOMEWORKS # 5-6**

JOHN VOIGHT

*Homework #5* (Due July 26):

- §7.1: 1(a)–(c), 3, 4, 11, 14, 39(a), 40, 41
- §7.2: 2(a)–(c), 4, 20, 21
- §7.3: 3(c), 6, 7, 15(a), 34, 35
- §7.4: 2(a), 2(g), 10, 17, 18, 30

*Homework #6* (Due August 2):

- §9.1: 1, 9, 10, 15, 16, 18
- §9.2: 5, 8, 9, 10, 11
- §9.3: 3(a), 4(b), 12, 16
- §9.4: 1, 2, 9, 10
- §9.5: 5, 12