Section 2.3: ___ / ___
___/___ 22.d: Given quintic a bijection?
___/___ 36: Determine composed functions.

Section 2.4: ___ / ___
___/___ 26.f: Rule for sequence (1, 3, 15, …)
___/___ 32.c: Sum involving power of 2's & 3's
___/___ 34.d: Sum with i squared, j cubed

Section 3.2: ___ / ___
___/___ 2.b: Big-Oh test
___/___ 2.e: Big-Oh test
___/___ 8.d: (requires witness) Smallest integer

to have Big-Oh (numerator has cubic, don’t do
7.d, the question above which looks similar)

Section 3.3: ___ / ___
___/___ 30: Worst case running time of
algorithm from section 3.1 problem.
___/___ 34: Big-Oh estimate of selection sort.

Section 4.2: ___ / ___
___/___ 30.d: Ternary expansion

Section 4.3: ___ / ___
___/___ 28: Finding gcd and lcm, verify relation
___/___ 32.d: Euclidean algorithm
___/___ 40.c: GCD as linear combination
___/___ 42: GCD as linear combination

GRADE: _________ out of _________ points

REMINDER: Staple your homework. Homework is to be submitted to the TAs or to the locker in MUDD 122A.