

COT 3100 Fall 2020 - Homework #4 Grading Criteria

- 1) 8 pts - 2 pts Euclidean, 4 pts Extended, 1 pt mult 3, 1 pt all solutions
- 2) 12 pts - (a) 2 pts Euclidean, 4 pts Extended, 1 pt base sol, 1 pt all sols
(b) 2 pts - 1 pt mult base, 1 pt listing all sols properly
(c) 2 pts - 1 pt take mod 161, 1 pt read off answer
- 3) 4 pts - 2 pts gcd, 2 pts lcm
- 4) 6 pts - 2 pts each part
- 5) 6 pts - 2 pts # zeros at the end of 2000!, 2 pts # zeros end of 1500!, 2 pts #0s end of 500!
- 6) 9 pts - 5 pts one direction of the proof, 4 pts the other direction. Within a direction, 1 pt for starting with a common divisor, 1 pt for creating new vars to express Products, 2 pts to express desired quantity and factor out d
- 7) 5 pts - Grade like the last bio, as long as it's reasonable and has the details I asked for, give full credit.

Writing the whole thing -10 penalty subtracted from regular final score.

Note: No penalty if typed and one or two drawings or written sections are attached inside pdf or doc as needed.