Fall 2017 COT 3100 Homework #4 Grading Criteria

Three questions to grade carefully:

Question #1 (6 pts)
Question #2 (8 pts)
Question #4 (2 pts)

Q1 (6 pts) - 1 pt per problem, if there are partial errors in multiple places, you can just take off a proportional number of points, but please take off an integer number of points. Quickly point out arithmetic errors or systemic errors (grabbing the wrong numbers for the next round, for example).

Q2 (8 pts) - 6 pts for getting to 47 x 131 - 57 x 108 = 1, 1 pt for extracting -57, 1 pt for mapping to 74. Give partial for the first part depending on how far they got. Comment on incorrect distribution and not simplifying the expression at each step.

Q4 (2 pts) - 1 pt answer, 1 pt for clearly specifying a counter example.

Items to comment upon: If they don't clearly specify a counter-example, tell them to do so!

Questions 3,5,6,7 - very quickly eyeball and award 0, 1, 2, 3, or 4 points out of 4. Only give full credit if the write up about Sophie Germain has some reasonable detail. It doesn't have to be as detailed as mine, but it should contain some details about her number theory work, her use of pseudonym and her exclusion from the Ecole Polytechnique and correspondence with other mathematicians.