3.14 Grading Response

3.14

a) 7 is a witness for 1105 being composite.

b) 7 is a witness for 294409 being composite.

c) All of the results for the Miller-Rabin Test are 1 or -1 so, 294439 is most likely prime as shown.

d) All of the results for the Miller-Rabin Test are 1 or -1 so, 118901509 is probably prime. However, the group stated that 118901509 is prime which the MRT does not show.

e) 11 is a witness for 118901521 being composite as one of the results after the first test is 1.

f) All of the results for the Miller-Rabin Test are 1 or -1 so, 118901527 is probably prime. However, the group stated that 118901527 is prime which the MRT does not show.

g) 11 is a witness for 118915387 being composite.