MATH 2602, Quiz 2

June 14th, 2012

Name: _____ **GTID:**_____

Problem 1 (5 points).
(a) How many positive integer solutions are there to $x + y + z + w = 17$?
(b) How many non-negative integer solutions are there to $x + y + z + w = 17$?

Extra Credit (3 points).
How many positive integer solutions are there to $x + y + z < 2012$?