

Name _____
Math 138
Fall 09
Quiz 1 – Sept. 4

(24/p. 76/1.1) 1. Solve the equation: $2(13t - 15) + 3(t - 19) = 0$. Show all work.

(54/p. 77/1.1) 2. Solve the equation: $(2x - 1)^2 = 4(x^2 - x + 6)$. Show all work.

(16/p. 87/1.2) 3. Write an equation that represents the statement: The product of 3 less than x and 8 is 40.

(50/p.89/1.2) 4. To get an A in a course, you need an average of 90% or better on four tests. The first three tests are worth 100 points each and the fourth is worth 200 points. Your scores on the first three tests are 87, 92, and 84. What must you score on the fourth test to get an A for the course? Show all work.