

Student Name: _____

Date: _____

Period #: _____

Unit 1: Quiz 6

Manipulation of Algebraic Expressions & Equations

1. Simplify the following:

a. $7(14x - 8) - 8x$

b. $2 - 4(6 - (8x - 9))$

2. Solve for both x and y:

a. $3x - 2y = 6$

$x - y = 1$

Solve the following quadratics

1. $x^2 - 14x + 45 = 0$

2. $x^2 = 15 + 2x$