

Name:

**Section 4.2a – Solving Systems by the Substitution Method**

Solve the systems of equation given below by using the substitution method

$$y = -x + 1 \quad \text{and} \quad x - 3y = 9$$

$$4x - y = 5 \quad \text{and} \quad 2x + y = -5$$

$$3x - 4y = 20 \quad \text{and} \quad 3x - 4y = 8$$

$$y = -\frac{2}{3}x + 1 \quad \text{and} \quad 2x + y = 7$$