Name: _____

MATH 100

Fall 2021

HW 14: Due 12/08

Problem 1. (10pt) Solve the following system of equations using substitution:

$$y = 2x - 3$$
$$3x - y = 4$$

Problem 2. (10pt) Solve the following system of equations using substitution:

$$2x - 3y = -12$$
$$3x + 5y = 1$$

Problem 3. (10pt) Solving the following system of equations using elimination:

$$x - 3y = 5$$
$$-x + 5y = 7$$

Problem 4. (10pt) Solving the following system of equations using elimination:

$$2x - 3y = 17$$
$$3x + 2y = 6$$