



Practice – 1

Once you feel confident with solving systems of linear equations, complete problems 1 and 2. Check your answers by going to the Solutions tab in Moodle.

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers.

1. Solve the system of equations below by

- a. graphing,
- b. substitution, and
- c. elimination.

$$2x + 2y = 6$$

$$6x - 3y = 9$$

2. Solve the following system of equations algebraically (using elimination or substitution).

Check the solution by graphing the system.

$$7 - x - y = 0 \text{ Equation A}$$

$$x + 2y - 11 = 0 \text{ Equation B}$$