

Module 7 Lesson 4

Share 1 – 3

For each of the following linear systems, discuss with a partner (if possible) how you can manipulate the equations so that adding or subtracting the equations will result in the elimination of a variable. Then solve the system and verify your solution.

1. $x + 8y = -9$
 $2x - 5y = 45$

2. $3a - 5b = 2$
 $4a + 3b = 22$

3. $3y - 2x + 4 = 0$
 $5x - 8y - 11 = 0$