SOLVE LINEAR SYSTEMS USING ELIMINATION METHOD

1. Solve each linear system.

a) $x + 6y = 15$
$x + 2y = 3$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution:

b) $3x + y = 11$
$5x + y = 5$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution:

c) $x + y = 1$
$3x – y = 15$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution:

d) $x + 5y = -10$
$-x - 2y = 4$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution:

e) $3x + 5y = 14$
$3x + 2y = 11$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution:

f) $7x - 4y = 26$
$3x + 4y = -6$

Add or subtract the equations to eliminate one of the variables and then solve:	Solve for the other variable:	Solution: