

Systems of Equation – An Introduction

Name _____

Definitions

System of equations _____

Solution to a System of Equations _____

Pick the solution to the following system of equations from the options given.

1) $3x + 2y = 5$

$x + 5y = 6$

a) (-1, 4)

b) (6, 0)

c) (1, 1)

d) (3, -2)

2) $y = 3x + 2$

$4x + 2y = 14$

a) (0, 2)

b) (3, 1)

c) (-1, 5)

d) (1, 5)

For the next two problems, fill in the table for each equation and the given inputs. Then compare the two tables to determine the solution to the system

3) $y = x + 2$

$y = -2x + 11$

4) $3x + y = 5$

$4x + 2y = 6$

x	y	x	y
0		0	
1		1	
2		2	
3		3	

x	y	x	y
0		0	
1		1	
2		2	
3		3	