Aldine 9: Algebra Homework #38		Assigned	Due
www.aldine9math.weebly.com		A: 1/26 Mon	A: 1/28 Wed
Name:	Period:	B: 1/27 Tues	B: 1/29 Thurs

Solve each system by elimination.

1) *zero*

$x + y = 3$
$x - y = 1$
$2x \quad = 4$
$x \quad = 2$

Now find y!

$2 + y = 3$

$y = ?$

(2 , _____)

answer

2) zero

$x + y = 8$
$x - y = 10$

3)

$4x + 2y = 14$
$6x - 2y = 6$

Hint: multiply bottom equation by 3

4)

$5x - 4y = -21$
$-2x + 4y = 18$

5)

$15x + 3y = 48$
$-5x + 3y = 8$

Hint: multiply bottom equation by 2

6)

$2x + 6y = 18$
$x - 3y = -3$

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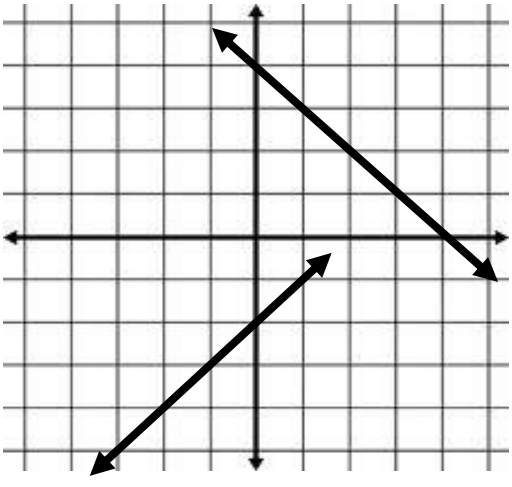
7) Use the 2 tables below to find the solution to the system containing Line A and Line B.
Hint: you are looking for a point on both lines

_____
answer

Line A

x	y
-1	1
0	3
2	7
4	11
6	15

Line B

x	y
2	5
4	11
6	17
8	23
10	29

8) What is the solution to the system? (_____ , _____)