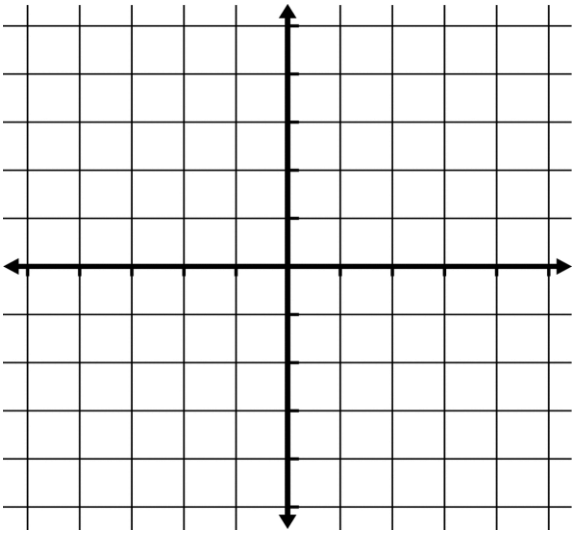
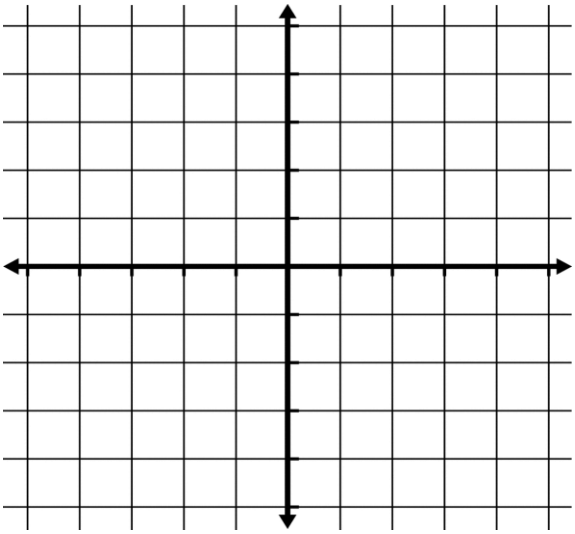
Aldine 9: Algebra Homework #36		Assigned	Due
www.aldine9math.weebly.com		A: 1/20 Tues	A: 1/22 Thurs
Name:	Period:	B: 1/21 Wed	B: 1/23 Fri

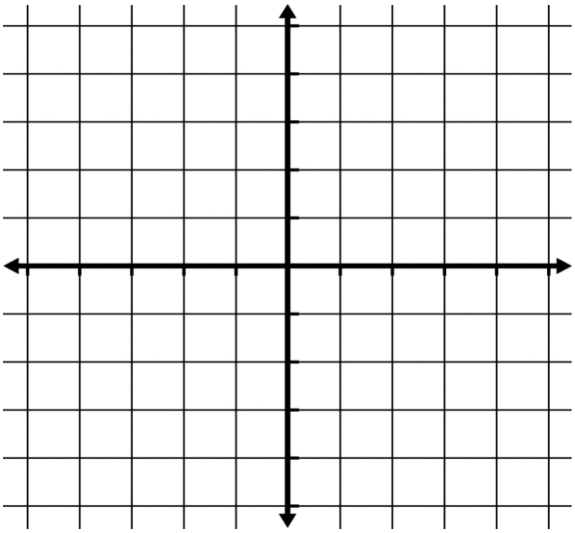
1) $y = -2x - 1$
$y = \frac{1}{2}x + 4$
They intersect at (____ , ____)



2) $y = 3x - 5$
$y = x - 1$
They intersect at (____ , ____)

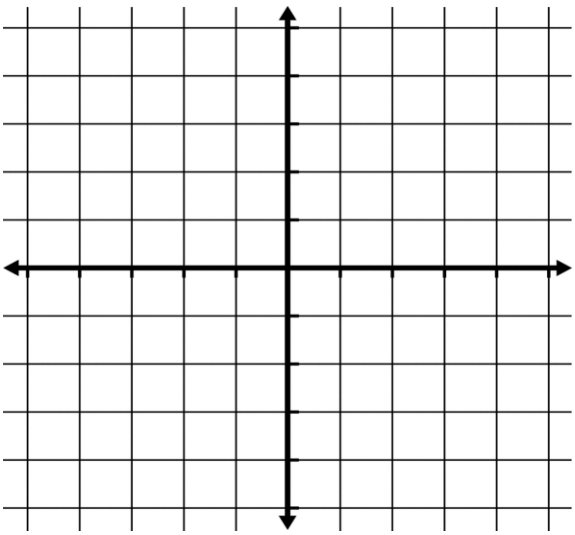


3) $y = 2x - 3$
$y = x$
They intersect at (____ , ____)



Hint: change to y = mx + b

4) $-2x + 2y = 2$
$y = -\frac{1}{3}x - 3$
They intersect at (____ , ____)



PROBLEMS #5 - #8 ARE ON THE BACK!

5)) Use the tables on the right to find the solution to the system containing Line A and Line B.

_____
your 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

6) Use the tables on the right to find the solution to the system containing Line C and Line D.

_____
your answer

Line C

x	y
-4	5
-2	4
0	3
4	-1
6	0

Line D

x	y
0	-6
3	-3
5	-1
6	0
7	1

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7) Plot the points from each table. What is the solution to the system containing Line E and Line F?

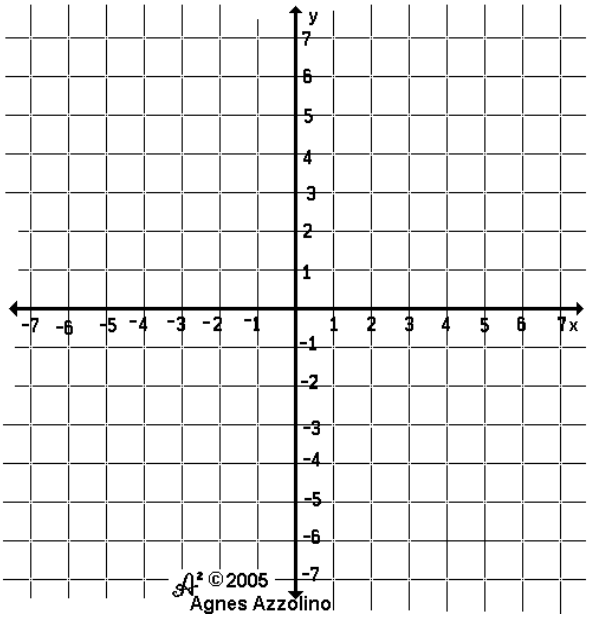
Line E

x	y
-4	5
0	3
4	1

Line F

x	y
-2	0
0	1
4	3

_____
your answer



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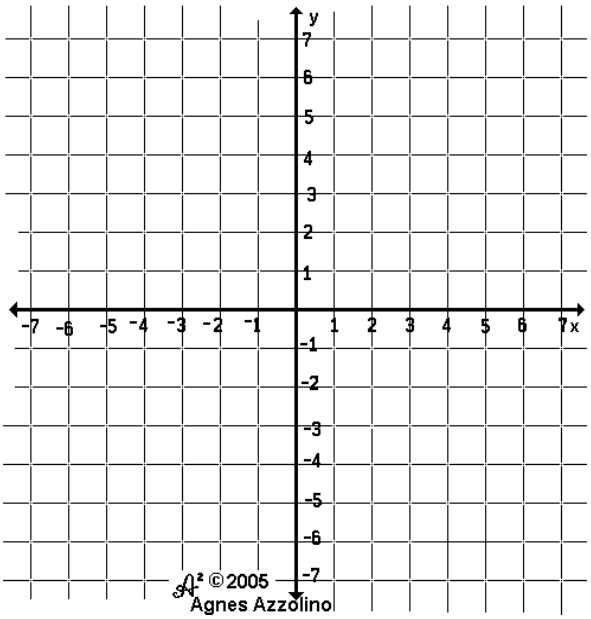
8) Graph y = 3x - 4 and y = 3x + 1.
What is the solution to this system?

_____
your answer