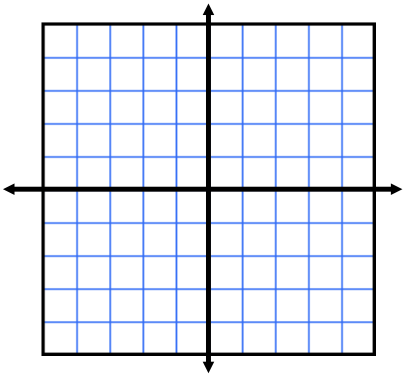
Algebra II

SS-1

Systems of Linear Equations in Two Variables

Solving Systems - The Graphing Method (pg 218)



1) $2x + y = 1$
   $2x + 3y = 7$

Solving Systems - The Substitution Method

1) $2x + y = 1$
   $2x + 3y = 7$

Solving Systems - The Linear Transformation Method

1) $2x + y = 1$
   $2x + 3y = 7$

Methods for Solving Systems

	Pros	Cons
Graphing		
Substitution		
Linear Transformation		

Solve each system.

13) $y = -x + 3$
$y = x - 4$

17) $3x + 3y = 6$
$5x - 6y = 15$

29) $3x = 4y - 4$
$4y = 3x - 3$

33) $\frac{6}{u} + \frac{3}{v} = 2$
$\frac{2}{u} - \frac{9}{v} = 4$

Assignment:
pg. 128
2-38 even