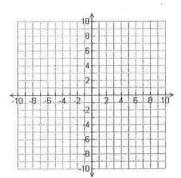
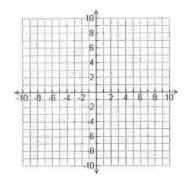
Solve by Graphing:

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



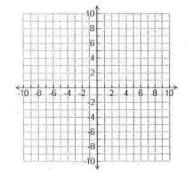
Solve by Graphing:

$$y = -x + 1$$
$$y = 2x + 4$$



Solve by Graphing:

$$y = -x + 5$$
$$y = -2x + 3$$



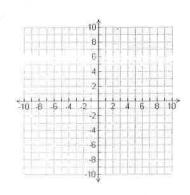
Solve by Graphing:

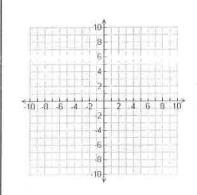
$$2x + 3y = 6$$
$$2x + y = 2$$

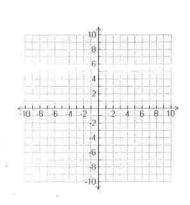
$$5x = 2y - 8$$
$$3x + 2y = -8$$

Solve by Graphing:

$$3x - 2y = 6$$
$$3x - y - 4 = 0$$







	7	,
How many solutions does this system have:	How many solutions does this system have:	How many solutions does this system have:
$y = \frac{2}{3}x - 5$ $2x - 3y = 6$	5x - 2y = 4 $4y = 10x - 8$	2x - y = 7 $4x + 3y = -9$
Find the value of k if the following are parallel:	Find the value of k if the following system has infinite solutions:	Find the value of x if the following system is inconsistent:
2x - y = 7 $kx - 2y = 8$	$kx - 3y = 4$ $y = \frac{1}{2}x - \frac{4}{3}$	kx + 5y = 10 $5x - 2y - 6 = 0$
		2 8
Solve the following by elimination: $x-y=11$ $2x+y=19$	Solve the following by elimination: $7x + 2y = 24$ $8x + 2y = 30$	Solve the following by elimination: $4x + 8y = 20$ $-4x + 2y = -30$
~		

Solve the following by	Solve the following by	Solve the following by
elimination:	elimination:	elimination:
9y = 4x + 9	2x - 3y = 4	x-2y=3
x - 3y = -6	4x = 8 + 6y	4y-2x=8
$x \cdot y = 0$	1	19 20 3
	9 1 1 2	
		*
	a	
0 0 4 0 0	27 23	
E	£4	-
3 .		
·		
T.		4
	* *	
	-	
		X a
		9
.87		
.e:		
Solve the following by	Solve the following by	Solve the following by
substitution:	substitution:	substitution:
	2x - 3y = -1	7x + 2y = 13
substitution:		
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y = 6x - 11$	2x - 3y = -1	7x + 2y = 13
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1	7x + 2y = 13
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	$ \begin{aligned} 2x - 3y &= -1 \\ y &= x - 1 \end{aligned} $	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	$ \begin{aligned} 2x - 3y &= -1 \\ y &= x - 1 \end{aligned} $	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	$ \begin{aligned} 2x - 3y &= -1 \\ y &= x - 1 \end{aligned} $	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	$ \begin{aligned} 2x - 3y &= -1 \\ y &= x - 1 \end{aligned} $	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1 $y = x - 1$	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	$ \begin{aligned} 2x - 3y &= -1 \\ y &= x - 1 \end{aligned} $	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1 $y = x - 1$	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1 $y = x - 1$	7x + 2y = 13 $x - 2y = 11$
substitution: $y=6x-11$ $2x+3y=7$	2x - 3y = -1 $y = x - 1$	7x + 2y = 13 $x - 2y = 11$

Find the value of two numbers Flying to Kampala with a Brenda's school is selling if their sum is 12 and their tailwind a plane averaged 158 tickets to a spring musical. On difference is 4. km/h. On the return trip the the first day of ticket sales the plane only averaged 112 km/h school sold 3 senior citizen while flying back into the tickets and 9 child tickets for a same wind. Find the speed of total of \$75. The school took the wind and the speed of the in \$67 on the second day by plane in still air. selling 8 senior citizen tickets and 5 child tickets. What is the price each of one senior citizen ticket and one child ticket?