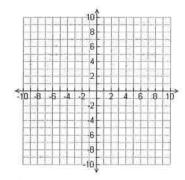
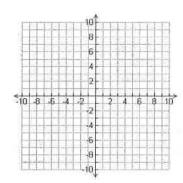
Solve by Graphing:

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



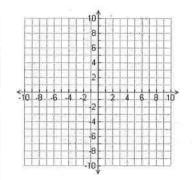
Solve by Graphing:

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



Solve by Graphing:

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



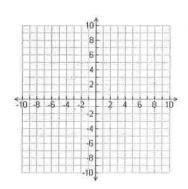
Solve by Graphing:

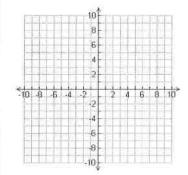
$$2x + 3y = 6$$
$$2x + y = 2$$

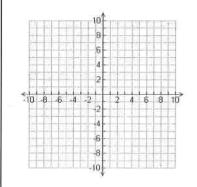
$$5x = 2y - 8$$
$$3x + 2y = -8$$

Solve by Graphing:

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







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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 $5x - 2y - 6 = 0$
		,
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: $4x + 8y = 20$ $-4x + 2y = -30$
	a	

Solve the following by elimination: $9y = 4x + 9$ $x - 3y = -6$	Solve the following by elimination: $2x - 3y = 4$ $4x = 8 + 6y$	Solve the following by elimination: $x-2y=3$ $4y-2x=8$
		*
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Solve the following by substitution: $y=6x-11$ $2x+3y=7$	Solve the following by substitution: $2x - 3y = -1$ $y = x - 1$	Solve the following by substitution: $7x + 2y = 13$ $x - 2y = 11$
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Find the value of two numbers if their sum is 12 and their difference is 4.	Flying to Kampala with a tailwind a plane averaged 158 km/h. On the return trip the plane only averaged 112 km/h while flying back into the same wind. Find the speed of the wind and the speed of the plane in still air.	Brenda's school is selling tickets to a spring musical. On the first day of ticket sales the school sold 3 senior citizen tickets and 9 child tickets for a total of \$75. The school took in \$67 on the second day by selling 8 senior citizen tickets and 5 child tickets. What is the price each of one senior citizen ticket and one child ticket?
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