Name: _____ Solving Systems of Linear Equations: Graphing

The solution to a system of equations is the point (or points) where two graphs cross each other. For each graph, circle where they cross, then write the point (or points). That is the solution to the system.



Answers							
1. (-5, -6) & (-2, 0)	2. (-1,3)	3. (-3, 5) & (3, 5)	4. (-1, 2)	5. (3, 1)			

Determine the solution(s]	to the system	using	elimination	or substitution.
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$\int \frac{-y = -3x + 10}{10}$	$\int_{7} \int_{7}^{-4y} = -5x - 18$
5y = 2x + 2	(4y = -2x - 24)
v = 3x + 9	2v = 8x - 3
$8. \{y = -6x = 0\}$	$9. \begin{cases} -y & -4x = 2 \\ -y & -4x = 2 \end{cases}$
(y = -0x - y)	(-y = -4x - 2)
(3y = x - 1)	(y = 3x - 2)
10. $3y = x + 1$	11.
(-4y = 2x - 2)	(4y = 12x - 6)
	1

Answers							
6. (4, 2)	7. (-6, -3)	8. (-2, 3)	9. No Solution	10. (1, 0)	11. Infinitely Many		