# When variables are not $x$ and $y$, the final ordered pair solution the variables should be put in alphabetical order 

## Solutions:

If variable = \#: $\qquad$
If \# \# \#: $\qquad$
If \# = \#: $\qquad$

EXAMPLE 1: Solve the linear system by substitution.
If ONE equation is solved for a variable:

1) $\left\{\begin{array}{c}2 y+x=19 \\ x=y+4\end{array}\right.$
2) $\left\{\begin{array}{l}n=-2 m+1 \\ 2 m+n=-2\end{array}\right.$
3) $\left\{\begin{array}{c}3 x-5 y=22 \\ y=-5\end{array}\right.$
4) $\left\{\begin{array}{l}d=-6 c+5 \\ -6 c-d=0\end{array}\right.$
5) $\left\{\begin{array}{c}x+y=4 \\ 4 x+y=1\end{array}\right.$
6) $\left\{\begin{array}{c}x-y=2 \\ 7 x-7 y=14\end{array}\right.$
7) $\left\{\begin{aligned}-3 a+b & =4 \\ -9 a+5 b & =-1\end{aligned}\right.$
8) $\left\{\begin{array}{l}x+3 y=-3 \\ \frac{1}{3} x+y=1\end{array}\right.$

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Homework:

Examples 1-4:
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Examples 5-8:
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