$\qquad$ Period: $\qquad$ Date: $\qquad$

## Ch. 5, L8-Exit Slip

Objective: Given a system of equations, I will determine if the system has one, no, or an infinite number of solutions algebraically

1. Determine the number of solutions to the system given below. If there is one solution, calculate and check it.

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\left\{\begin{array}{c}
3 x+4 y=6 \\
y=-\frac{3}{4} x+\frac{3}{2}
\end{array}\right.
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