<u>CH. 5, L8 – EXIT SLIP</u>

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.

$$\begin{cases} 3x + 4y = 6\\ y = -\frac{3}{4}x + \frac{3}{2} \end{cases}$$

Integrated Math I

Name: _____ Period: ____ Date: _____

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2. Determine the number of solutions to the system of equations and explain one thing you could do to change the system so that it has a different number of solutions.

$$\begin{cases} 2y - 5x = 7\\ -8y + 20x = 28 \end{cases}$$

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