

Lesson Objective:

Students will make sense of a system of equations by representing a situation with 2 strategies explaining their thinking to other students, and then improving their work after getting feedback from other students

<p>Math Strategies (check all that apply)</p>	<ul style="list-style-type: none"> <li>* Hypothesis</li> <li>* Error Analysis</li> <li>* Similarities and Differences</li> <li>* Multiple Representations</li> <li>* Other: _____</li> </ul>
<p>Conceptual Category (check all that apply)</p>	<ul style="list-style-type: none"> <li>* Number and Quantity</li> <li>* Algebra</li> <li>* Functions</li> <li>* Geometry</li> <li>* Data and Statistics</li> <li>* Modeling</li> </ul>

<p>SMP's (check all that apply)</p>	
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response type/time)

Modes of response:

How are students going to respond to questions/instructions? (Individual,partner, verbal, write it down, etc.)

### **Talk Moves**

Re-voicing - asking students to restate another's thought, adding on, change the problem and send back into a mode, agree or disagree

# Strategies Notecard for Solving Systems of Equations

$\begin{aligned}y &= 2x - 1 \\ y &= 3x - 6\end{aligned}$	<p><b>Solve the system:</b></p> <p>Strategy 2</p> <p>Solve the system:</p> $\begin{aligned}y &= 2x - 1 \\ y &= 3x - 6\end{aligned}$
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Strategy 3

Solve the system:

$$\begin{aligned}y &= 2x - 1 \\ y &= 3x - 6\end{aligned}$$

Strategy 4

Solve the system:

$$\begin{aligned}2m &= 1 \\ 3 &= 6\end{aligned}$$



Name: \_\_\_\_\_

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Situation:

Finn has recently been offered a part-time job as a salesperson at a local cell phone store. He has a choice of two different pay scales. The first option is to receive a base salary of \$300 a week plus a 10% of the price of the merchandise he sells. The second option is a base salary of \$220 a week plus 18% of the price

Explanation of your revision:

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