

# UNIT 6 - LESSON PLANS

**Class** Algebra I      **Topic** U6 – Applications of Linear Systems      **Lesson** 4      **Of** 6

<b>Objective</b>	Students will:
	<ul style="list-style-type: none"><li>• Be able to solve applications of linear systems of equations involving relationships between numbers, mixtures, interest and money.</li></ul>
<b>"I Can" Statement</b>	I can solve applications of linear systems of equations involving relationships between numbers, mixtures, interest and money.

## Common Core Standards

[CCSS.MATH.CONTENT.HSA.REI.C.6](#)

Solve systems of linear equations exactly and approximately, focusing on pairs of linear equations in two variables.

[CCSS.MATH.CONTENT.HSA.REI.C.5](#)

Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions.

**Bell Work**      See 6-4 Bell Work

## Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

## Assessment

Bell Work 6-4  
Assignment 6-4  
Exit Quiz 6-4

**Additional Resources**      See Online Activities