

# Systems of Equations Study Guide Outline

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Create a study guide covering each of the learning targets for this unit.

- Include specific examples and worked out solutions
- Write hints/reminders for yourself

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Solve a System of Equations using the following Strategies:

## Graphing

- Find the solution given a graph of two lines  $(x, y)$
- Match systems with graphs
- Graph lines in slope-intercept form
- Graph lines in standard form (you may rewrite into slope-intercept form)

## Cost-Revenue Tables

- Break-Even Point
- Graph the lines using y-intercept and break-even point

## Substitution

- Given two equations that are already solved for  $y$
- Given an equation that is already solved for  $x$  or  $y$
- Solve one of the equations for  $x$  or  $y$  first

## Checking

- You will check all your solutions on the Quiz and Test
- Show an example of how to check your solution