

# Memorandum

**To:** Master Analyst  
**CC:** Group Members  
**From:** Mr. Strange, Project Manager  
**Date:** 3/11/2010  
**Re:** Solving the System of Linear Equations

## Data Collected And The System

Your data chief should have gathered some information for you and your Head Architect modeled it. Please record the information below:

Car: \_\_\_\_\_ Base Price: \_\_\_\_\_ MPG: city \_\_\_\_\_ highway \_\_\_\_\_

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System of Linear Equations:

## Solving the System

Now you must solve the system. You **must** solve the system by two different ways:

1. Algebraically (substitution **or** elimination)
2. Graphing

The graphing may need to use a large scale. You don't have to do it by hand. I suggest using computer software or a graphing calculator. Talk to me if you need help with the graphing.

When you have both solutions you can give it to the Lead Designer who will begin putting everything together.