**Problem 1**

Let be the percentage of meat in each pound of meat

Constraints:

**Objectives:**

Minimize

Minimize

1. Min cost = 0.865, Min fat content = 5%
2. $57.5 profit must be forfeited in order to fill this order using the mix that minimizes the fat content

Let be the percentage of meat in each pound of meat

Constraints:

Minimize Q

The meat contains 5.9% of meat 1 and 94.1% of meat 3.

1. Let be the percentage of meat in each pound of meat

Constraints:

The meat contains 3.1% of meat 1 and 96.9% of meat 3.

**Problem 2**

Let be the number of hours for ads during three times,

Let be the positive deviational variable,

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Constraints:

Objective:

Minimize