

## Practice Problem #1

Some very basic modeling problem here.

### 1 Concrete Model:

Formulate the problem above as a **concrete** mathematical programming model to minimize the total cost. Clearly define and describe all decision variables, constraints, and the objective.

## 2 Parameterized Model:

Formulate the problem above as a **parameterized** mathematical programming model to minimize the total cost. Clearly define and describe all sets, parameters, and decision variables.