**Problem Solving Process Linear Equations**

Situation –>–>–> Translate into math

 Find the numbers

 Find the relationships

 (+, -, ÷, •)

 (=, ≤, ≥)

 Determine what the "physical things" are (cereal? cookies?)

 Choose variable names (x and y?)

 Simplify (if necessary)

 Graph (to picture the problem)

 Read the graph to solve

 Best answers are on the corners of the feasible region

 most profitable? Check high corners

 least amount? Check lower corners

Situation <–<–<– Translate solution back into English