

## Q1a Story Problem Detailed Structure

There is less correspondence between the Structure of the Q1 Demo and Q1 than usual, because I was trying to highlight some concepts and give some extra practice on some questions. So, to be clear, below is the specific structure of each page of the Story Problems on the Q1a (& Q1b) you will take.

1. Stats Choosing
  - 5 sets of “pick the stats & pick the significance test” (just like “Kinds” Pink Thing)
2. Next & If
  - “What would happen Next” questions
  - “What would happen IF” questions
3. Correlation questions
  - Which variables are “viable single predictors”
  - Power concerns for specific correlations
  - Interpreting specific correlations
4. Multiple regression questions
  - Model work? How well?
  - Which variables contribute to the multivariate model
  - Reasons “not contributing” predictors probably don’t
  - Reasons “contributing” predictors probably do
5.  $y'$  &  $y'\Delta$ 
  - Calculating  $y'$  for a specific multiple regression model
  - Calculating the  $y'\Delta$  for specific predictor value changes