

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

### **Assignment 6**

Pick someone in the class and trade your assignment 5 with them. Ask them to walk you through their process (and diagrams) so you fully understand how they are currently doing it. (i.e. “clearly identify the problem or challenge” – the first, most critical step of the coming up with a solution.) When you are done, completely explain your process to them so they completely understand it.

Now, with your fresh set of eyes (and “paradigm flexibility”), do an analysis. Identify the areas that add no value (are “waste”) and try to eliminate them. (Hint: Look at the summary at the top of their Flow Process Chart. Where are there excessive numbers of anything but “Operations”?) Once you have gone through one iteration of this, go back and repeat the process. Do it multiple times until you think you have optimized a way of completing their process. When you are done, complete a “Revised Process Flow Chart” (a blank one is attached) and (in pencil) draw your “Revised Flow Diagram” over their original blank layout diagram.

Remember: Primarily only one type of process step (“operations”) add value. The others steps (“inspection”, “transportation”, ect.) offer little or no value to the product, are of no value to the customer, and as such are considered waste. While you can not completely eliminate all those steps (some physically have to be done in order for the operations to take place), your analysis should yield where many of them can be greatly reduced.