**BA 353: ICE 6 Extra Credit Problems**

Reconsider problem **2)** from ICE 6 with the following changes:

1) If you could cut the time for one of the activities (A – J) *in half* (perhaps by decreasing the scope or working overtime to get it done faster) with the goal of decreasing the overall project completion time as much as possible, which activity would you cut and what would be the new, shorter overall project completion time?

2) Similar to problem 1) above, what if you could cut the times of any **three** different activities in half?

3) Which activities could you *double* the time on and still meet the original completion time? (Maybe you have to assign one of these activities to a lazy brother-in-law or sister-in-law who always takes twice as long to get something done as they should?)

4) You earn $1200 for every day you can shave off the original completion time for this project. It costs $500 to decrease any individual activity time by one day (as many days as you wish). Your goal is to maximize net profit. What is the maximum *net* profit you can achieve, how do you achieve it, and what is the overall project completion time?