Jack and Diane have different ideas about investing in their house. Diane wants to build a sunroom addition, but Jack is frugal and wants to switch to an accelerated mortgage payment to save on interest. They call Paulson & Sons, a contracting firm, specializing in home renovations and additions, for a consultation. After some wrangling amongst themselves, Jack and Diane agree to put the issue to Mr. Paulson—they tell the contractor that for the amount they’re prepared to spend, $100,000.00, if he can build an addition which can yield at least a 125% return on their investment, they will proceed with Diane’s preference, the addition.

\*MUST USE EXCEL TO SOLVE\*

\*\* BE SURE TO MAP THEM AS SOME OF THESE CAN BE DONE IN PARALLEL WHILE OTHERS MUST BE DONE IN SERIES\*\*

1) Construct a table???

2) Describe the quantitative methodology used.

3) Explain how this model helps in solving a professional or personal problem.

I anticipate the following tasks will be involved:

1) Permit

2) Demolition

3) Framing

4) Electrical changes

5) Drywall, plastering

6) Flooring

9) Windows

10) Paint and wallpaper

12) Window covering

13) Final permit inspection