1. Input the cost per square foot (costPerSqFt)

2. Input the length of the house (length)

3. Input the width of the house (width)

4. Input the height of the house (height)

5. Input the number of windows (numWindows)

6. Input the length of a window (windowLength)

7. Input the width of a window (windowWidth)

8. Input the number of doors (numDoors)

9. Input the length of a door (doorLength)

10. Input the width of a door (doorWidth)

11. Calculate the square footage for a peak side (peakSideSqFt):

a. peakSideSqFt = length \* width + 0.5 \* (length \* (height - width))

12. Calculate the square footage for a normal side (normalSideSqFt):

a. normalSideSqFt = length \* width

13. Calculate the total square footage of all sides (totalSqFt):

a. totalSqFt = 2 \* peakSideSqFt + 2 \* normalSideSqFt

14. Calculate the square footage taken up by all windows and doors (windowDoorSqFt):

a. windowDoorSqFt = (numWindows \* windowLength \* windowWidth) + (numDoors \* doorLength \* doorWidth)

15. Calculate the paintable surface area (paintableSqFt):

a. paintableSqFt = totalSqFt - windowDoorSqFt

16. Calculate the estimated cost (estimate):

a. estimate = paintableSqFt \* costPerSqFt

17. Print "Your total paintable surface area is ", paintableSqFt, " square feet."

18. Print "Your estimate is $", estimate, "."