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House Painting Pseudocode

1. User inputs the cost per square foot, store as costPerSquareFoot
2. User inputs the length of the house, store as houseLength
3. User inputs the width of the house, store as houseWidth
4. User inputs the height of the house, store as houseHeight
5. User inputs the number of windows on the house, store as numOfWindows
6. User inputs the length of the windows, store as windowLength
7. User inputs width of the windows, store as windowWidth
8. User inputs the number of doors on the house, store as numOfDoors
9. User inputs the length of the doors, store as doorLength
10. User inputs the width of the doors, store as doorWidth
11. Multiply the variables houseLength and houseWidth, store product as normalSide
12. Subtract houseHeigth minus houseWidth, multiply difference by ½, and houseLength. Then, add normalside to the product, store as peakSide
13. Multiply windowLength, windowWidth, and the numOfWindows, store product as windowArea
14. Multiply doorLength, doorWidth, and numOfDoors, store product as doorArea
15. Add the product of normalSide times 2 and peakSide times 2, store as houseArea
16. Add doorArea and windowArea, subtract the sum from houseArea, store as paintableArea
17. Multiply paintableArea and costPerSquareFoot, store product as costToPaint
18. System output: “Your total paintable surface area is “ display paintableArea
19. System output: “Your estimate is “ display costToPaint
20. End program