Flowchart Bathrooms

end

Tile cost ← total area tiled \* tile unit price

Number of bathrooms processed ←   
number of bathrooms processed +1

Total area tiled ←   
(length \* width)

Read in length  
Read in width

Prompt the user and ask for length and width

While number of bathrooms < number of bathrooms to be processed.

Read in tile unit price

Prompt the user and ask for tile unit price

Read in number of bathrooms to be processed

Prompt the user and ask for bathrooms to be processed.

Number of bathrooms processed ← 0  
total area tiled ← 0

start

Pseudo-code

Start of algorithm for bathrooms   
 1. Number of bathrooms processed = 0  
 2. Total area tile = 0  
 3. Prompt the user and ask for number of bathrooms to be processed  
 4. Read in number of bathrooms to be processed  
 5. Prompt the user and ask for tile unit price  
 6. Read in tile unit price  
 7. While number of bathrooms < number of bathrooms to be processed  
 8. Prompt the user and ask for length and width  
 9. Read in length  
 10. Read in width  
 11. Total area tiled = (length \* width)  
 12. Number of bathrooms processed = Number of bathrooms processed + 1  
13. Tile cost = total area tiled \* tile unit price  
14. Return  
End of algorithm for bathrooms