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Runs in O(n*v)
Geometric Confections(A):

Input: A sorted list A[1..n] of integers
Output: The largest value V that cannot be expressed as a sum of values
from A

Initialize a set to track reachable sums
reachable = Set()
V = max(A) * 2
result = 0

Use dynamic programming to mark reachable sums
for x = 1 to V:
    for num in A:
       if x - num in reachable or x == num:
           reachable.add(x)
           break
      else:
          result = x

return result
```