Currently, you can exchange $1 for 100.37 yen or €0.7538 in New York. In Tokyo, the exchange rate is x1= €0.0077. If you have $1,000, how much profit can you earn using triangle arbitrage?   
  
a) $18.08   
b) $25.27   
c) $27.91   
d) $32.50   
e) $33.14   
  
My textbook is not clear on how to solve this problem, showing only one example, and I can't seem to extrapolate the method used to find the solution for this problem.