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.