Mixing Drinks

We are having a pool party on Friday night. We decided to make our grandmas favorite punch. Her recipe requires 6 cups of pineapple juice in 3 quarts of punch. You need to make 8 quarts of punch. How many cups of pineapple juice are needed?

For every 2 liter bottle of Cherry Coke there are 6 mL of cherry flavoring. If the Coke factory processed 2,500 bottles of Cherry Coke in one day, how much cherry flavoring was used?