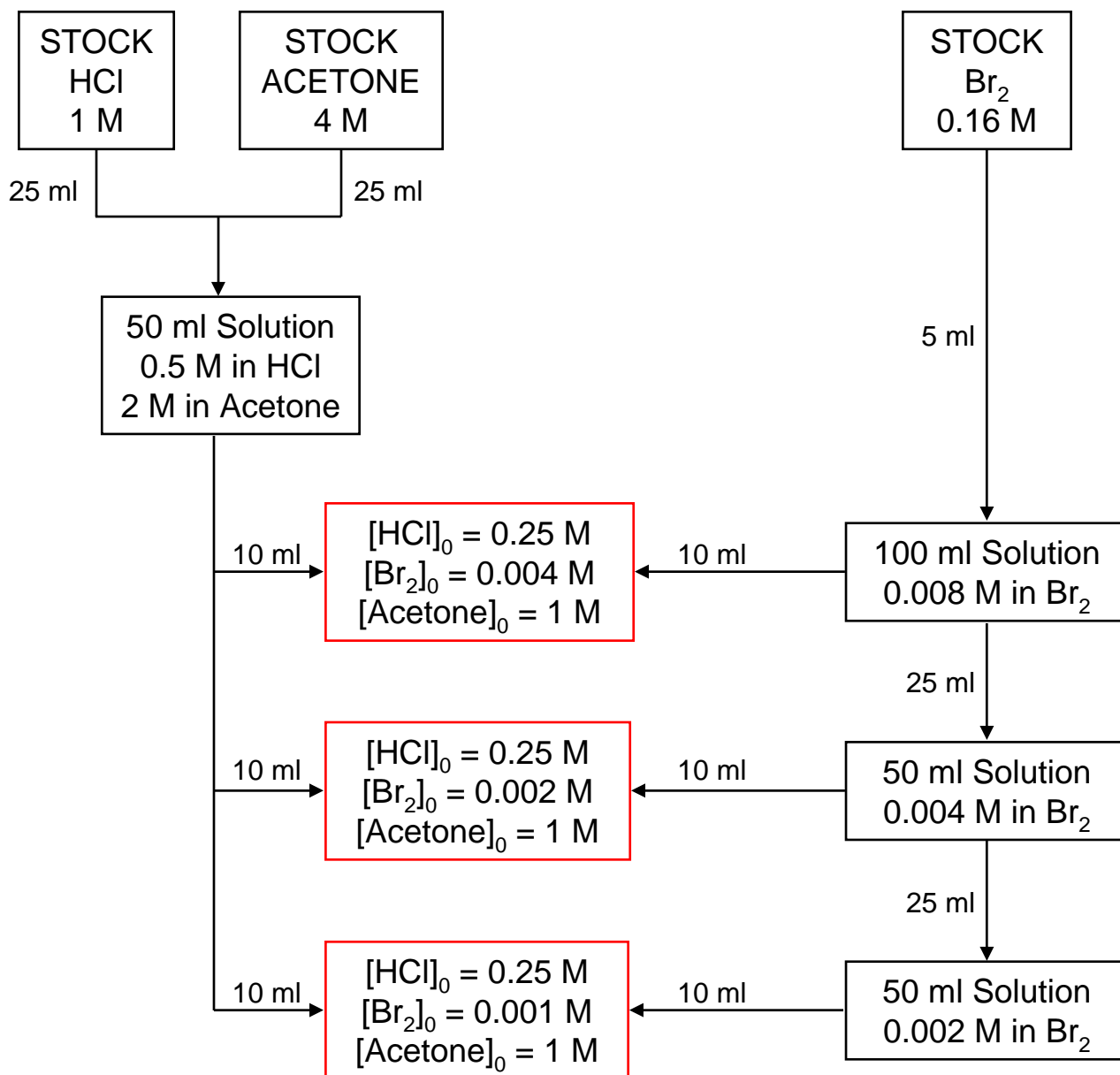


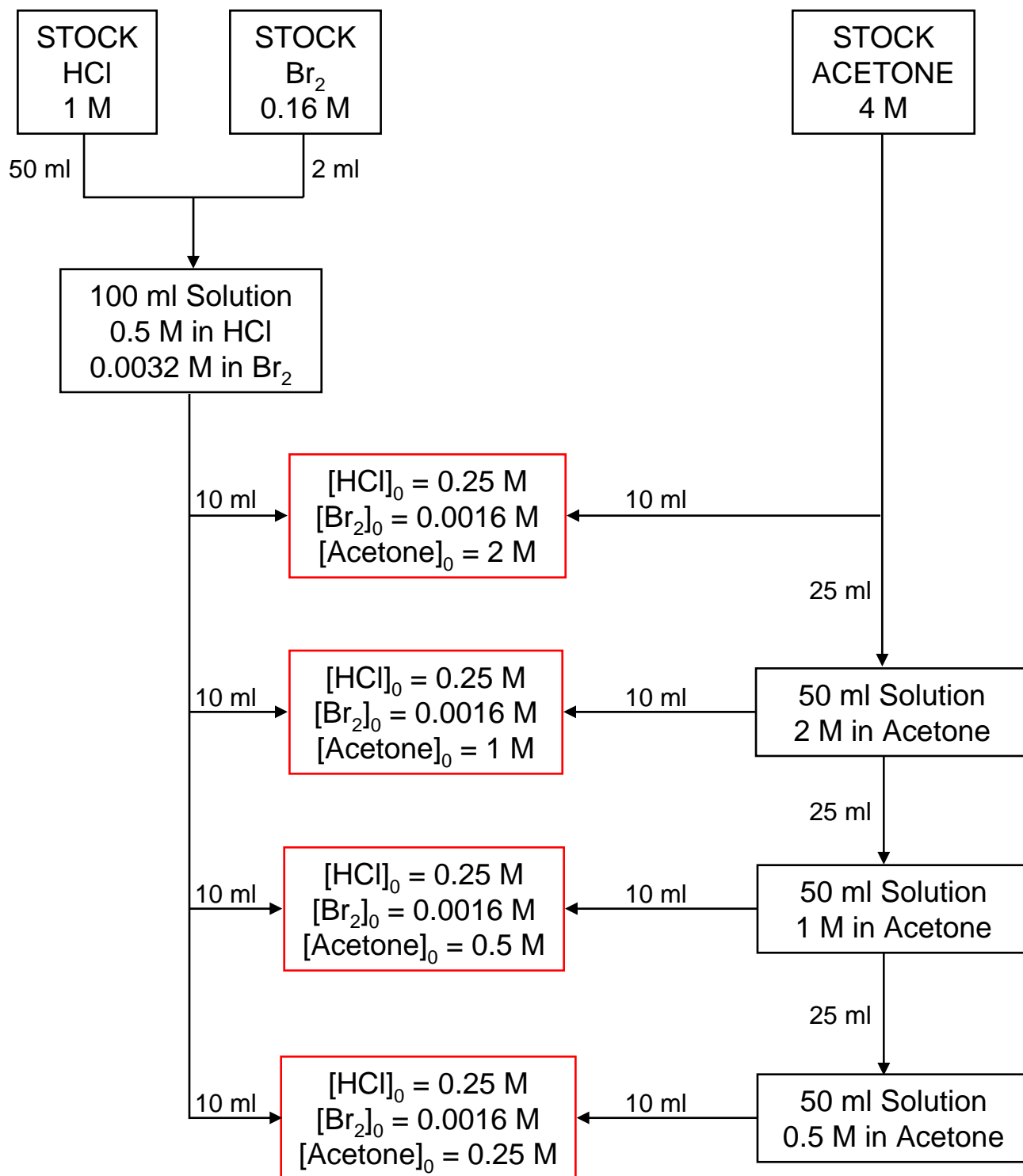
# Scheme 1

## Determining Dependence of Rate on $[\text{Br}_2]$



# Scheme 2

## Determining Dependence of Rate on [Acetone]



# Scheme 3

## Determining Dependence of Rate on [HCl]

