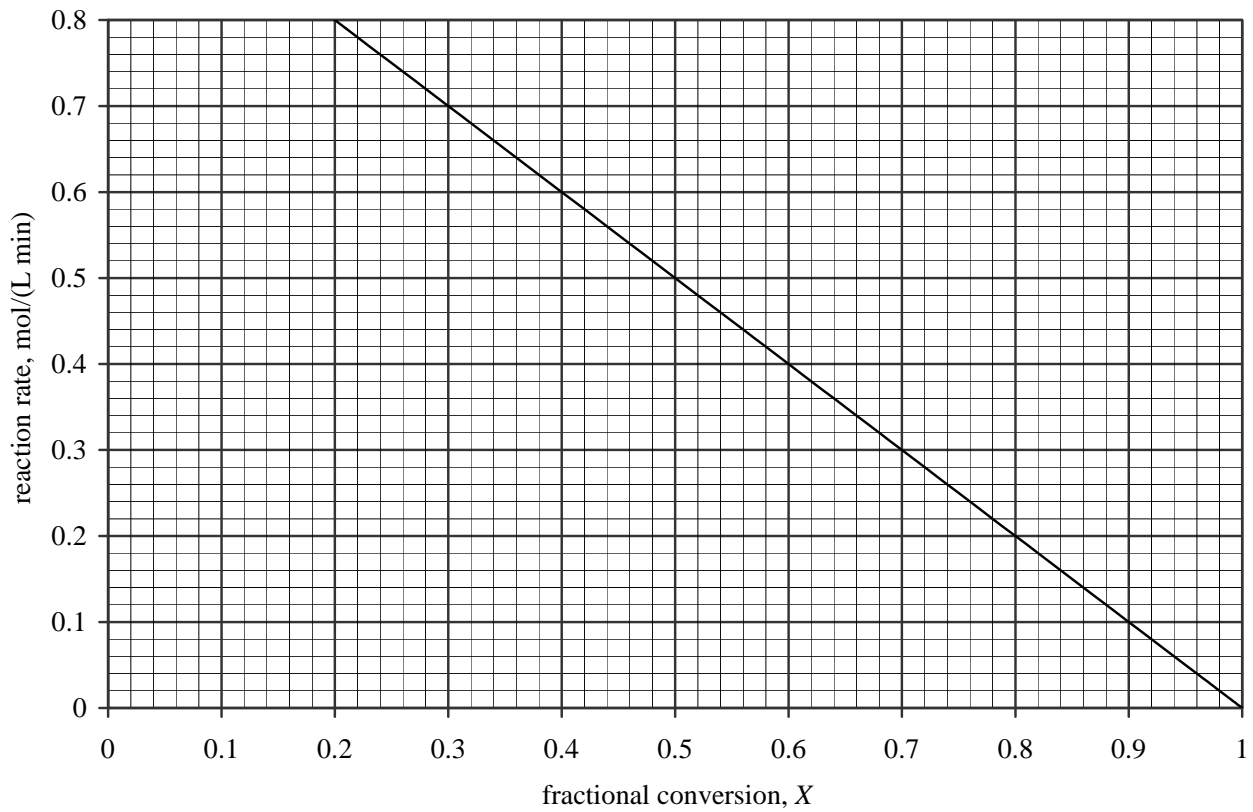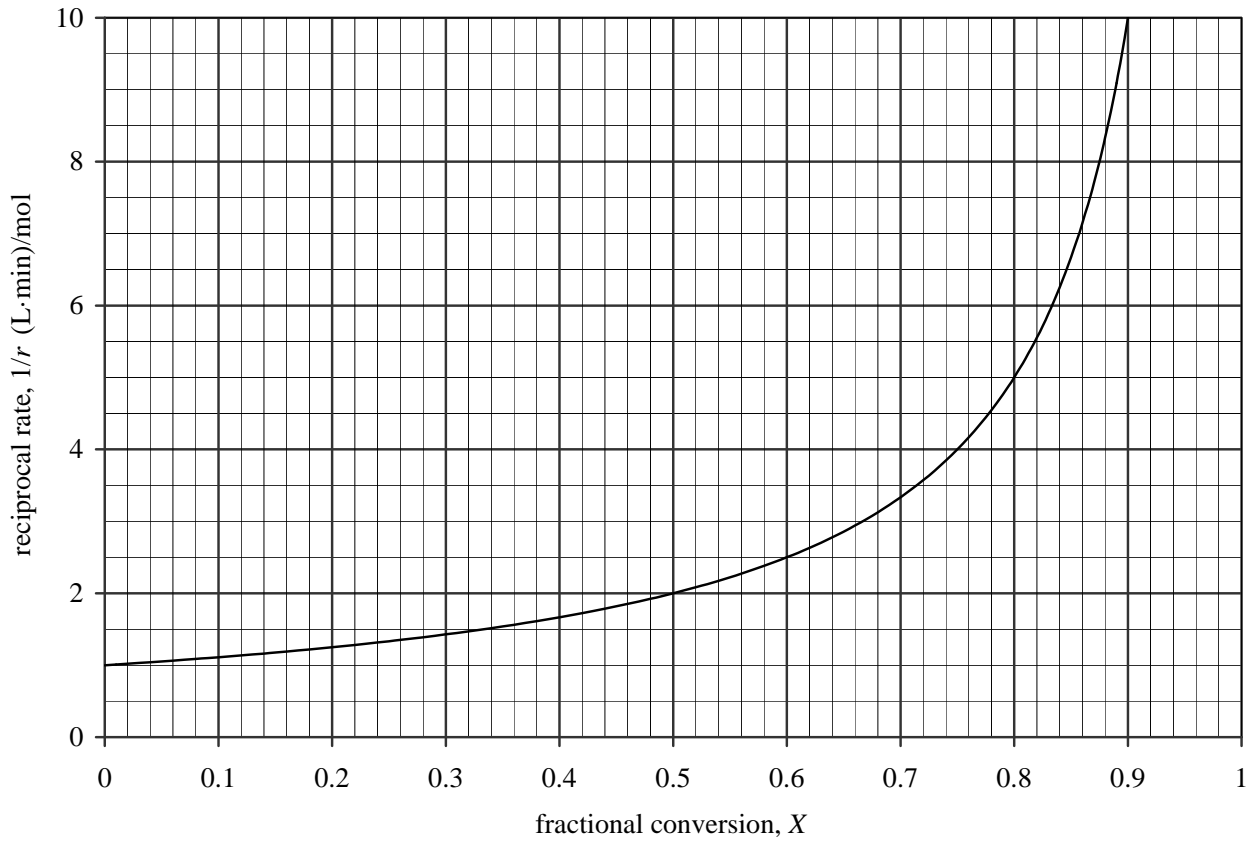# ChemE 3900 - Chemical Kinetics & Reactor Design
Templates for graphical analysis of CSTRs and PFRs
1st Order Reaction, $k = 1/\text{min}$, $[A]_0 = 1$ mol/L

ChemE 3900 - Chemical Kinetics & Reactor Design
Templates for graphical analysis of CSTRs and PFRs
2nd Order Reaction, $k = 1$ L/(mol·min), $[A]_0 = 1$ mol/L

Top plot: reciprocal rate, $1/r$ (L·min)/mol vs fractional conversion, X

Bottom plot: reaction rate, mol/(L min) vs fractional conversion, X