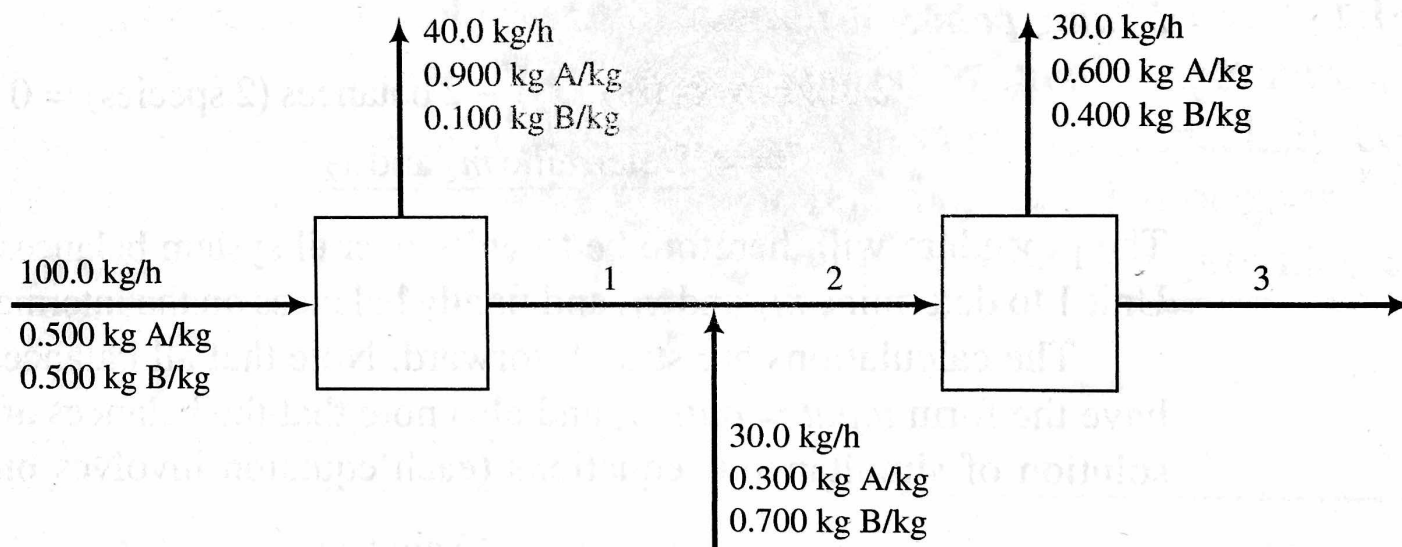


## 4-1 Two-Unit Process

A labeled flowchart of a continuous steady-state two-unit process is shown below. Each stream contains two components, A and B, in different proportions. Three streams whose flow rates and/or compositions are not known are labeled 1, 2, and 3.



Calculate the unknown flow rates and compositions of streams 1, 2, and 3.