

Consider the following two schedules of the above graph onto two functional units.

- Assume there is a single memory for holding intermediate results.
- Assume the inputs A, B, C, D begin in memory; once the last dependent node uses these, their memory locations can be reused.
- For each schedule, identify the minimum number of memory elements required (i.e., maximum number of values held in memory in any timeslice).
- Memory in use in cycles $0,1,5$, and 6 are already completed.


