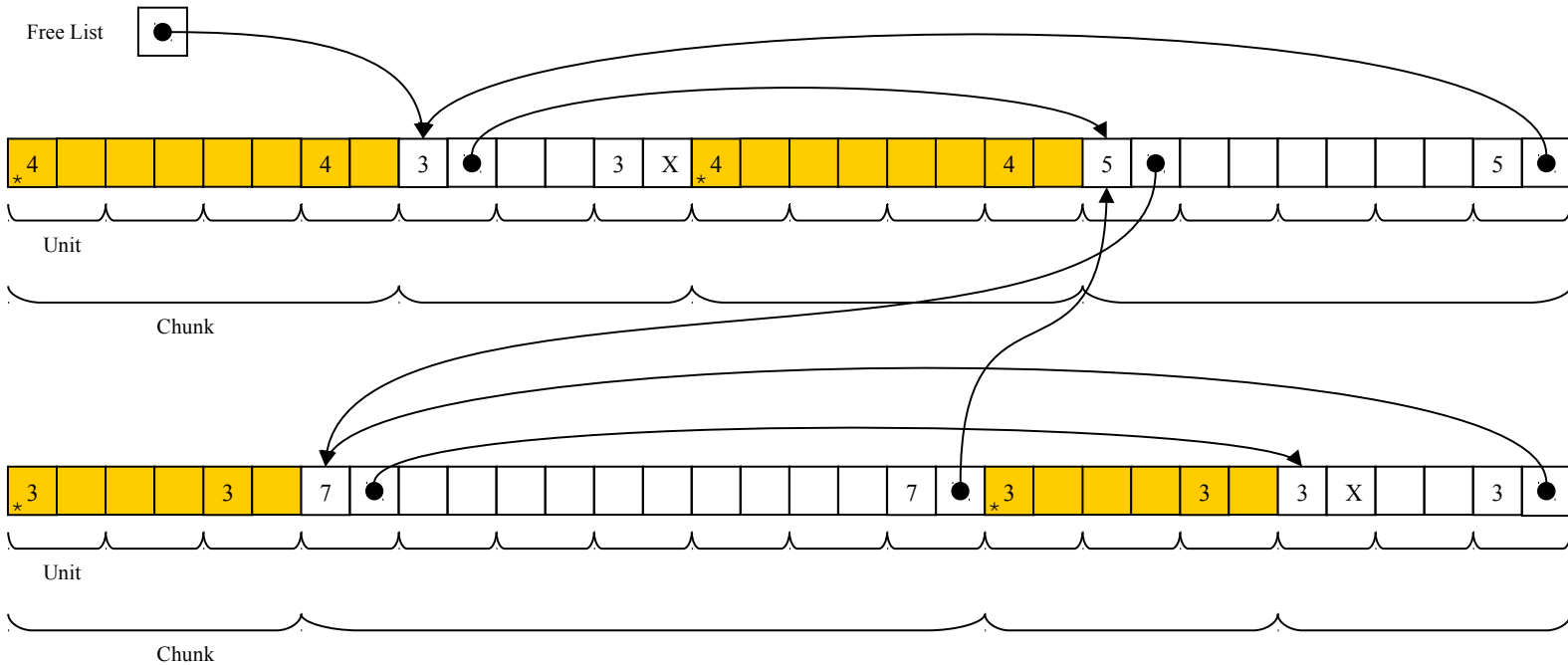# Princeton University
COS 217: Introduction to Programming Systems
HeapMgr4 Data Structures

Each box consists of 8 bytes.
Each Chunk's header Unit contains a status (inuse or free), a length, and, if the Chunk is free, a pointer to the next Chunk in the Free List.
Each Chunk's footer Unit contains a length and, if the Chunk is free, a pointer to the previous Chunk in the Free List.
The Chunks in the Free List are in no particular order.
* means INUSE; absence of * means FREE.