Magnetic/Hard Disk

(Track #, Surface #, Sector #) "Physical" View of Disk

Steps to perform a disk read (or write):
1) Move Read/Write (R/W) heads over correct track/cylinder
2) Wait for start of specified sector to spin to R/W head
3) Read (or write) specified sector as it spins under the R/W head

- seek time
- rotational delay
- data transfer time
Logical View of Disk as Linear Collection of Blocks

(track #, surface #, sector #) to Linear block # mapping

| (0,0,0) | (0,0,1) | (0,0,2) |   |   |   |

All of cylinder 0  All of cylinder 1

Bits of linear block #: track # | surface # | sector #