(a)

track

(b)

actuator

arm

read/write head

spindle

disk rotation

Cylinder
of tracks
(imaginary)

actuator
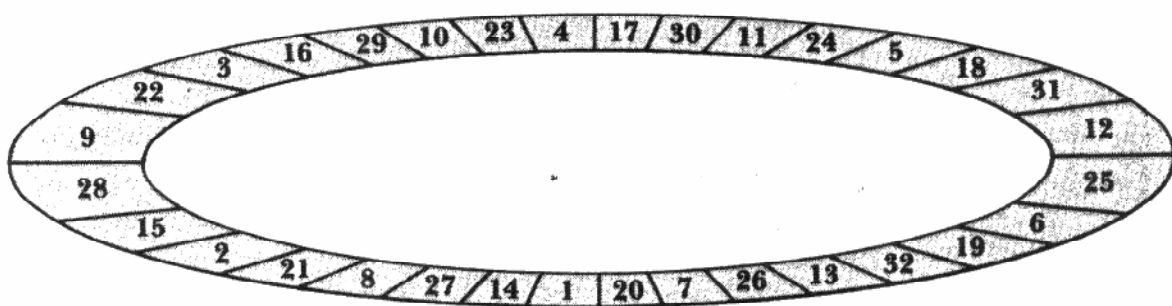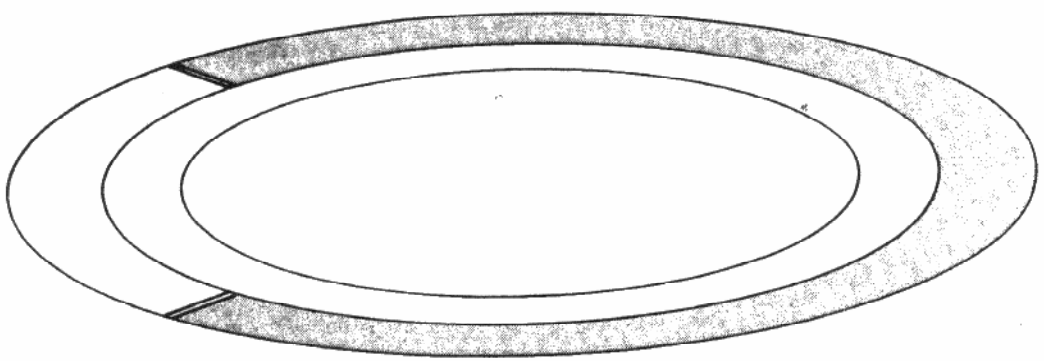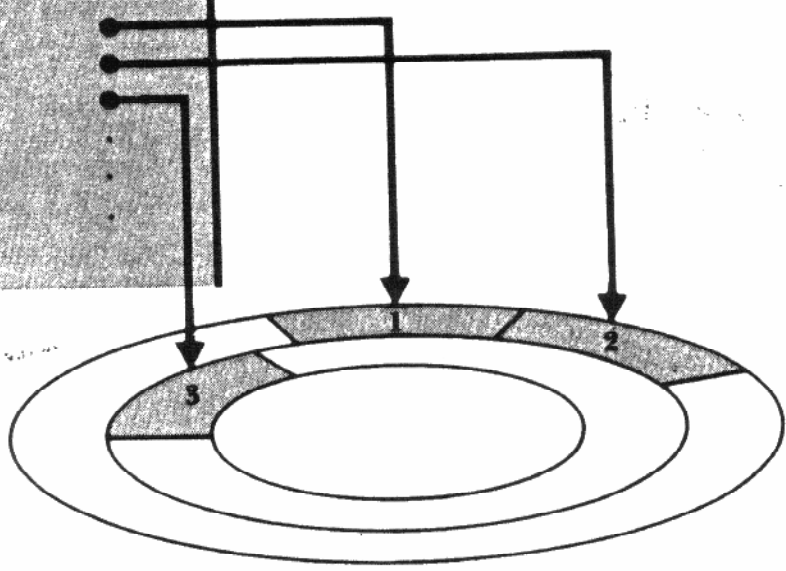movement

Tracks

Sectors

Gaps

Ten tracks

Seven cylinders

(a)

(b)

File allocation table (FAT)

Cluster number | Cluster location
1
2
3

The part of the FAT pertaining to our file

(a)

Track		Frame		Gap

0
1
1
0
1
0
0
1
0

Gap ———→|←————————— Data block —————————→|←— Gap —→