First Bit

212K is put in the 450K partition

317K is put in the 600K partition

172K is put in the 238K partition (450 – 212 = 238)

426K must wait

Best Bit

212K is put in the 300K partition

317K is put in the 450K partition

172K is put in the 250K partition

426K is put in the 600K partition

Worst Bit

212K is put in the 600K partition

317K is put in the 450K partition

172K is put in the 388K partition (600 – 212 = 388)

426K must wait

In this case, best-fit makes the most efficient use of memory.