

- | | | | |
|----|----|-------------------|---|
| 1) | a) | 262144000 Blocks | |
| | b) | 262144000 Entries | |
| | c) | 28 Bytes | |
| | d) | 7340032000 KB | |
| 2) | a) | 107834590 Bytes | |
| | | 105307,2168 KB | |
| | | 105307 Blocks | Since Blocks have a size of 1 KB we can just cut off the decimals |
| | | 105297 Blocks | Skip the first 10 Blocks |
| | | 105041 Blocks | Skip the single indirect block |
| | | 39505 Blocks | Skip the double indirect block |
| | | -16737711 Blocks | Try to skip the tripple indirect block; since the result is negative the position we want to get to is in it |
| | | 0,602798462 | See how many double indirect blocks in the tripple indirect block we can skip; since it's less than 1, we search in the first block |
| | | 154,3164063 | See how many blocks can be skipped |
| | | 154 | Skip to the 154th indirect block |
| | | 81 Blocks | Skip to the 81st block |
| | | 222 Bytes | Skip to the 222nd byte |
| | b) | 107834590 Bytes | |
| | | 105307,2168 KB | |
| | | 105307 Blocks | Since Blocks have a size of 1 KB we can just cut off the decimals; Go through the FAT32 list till the 105307th block |
| | | 222 Bytes | Go to the 222nd byte |
| 3) | a) | 16843018 KB | |
| | b) | 67372072 KB | 50529054 Unterschied KB |
| 4) | a) | 1082201088 Bytes | 1056837 KB Not enough space for 5GB files; use 1024 size |
| | b) | 17247250432 Bytes | 16843018 KB Nothing changes; still enough space |