**What is the largest file you can create in your file system?**

A 100 block file. And the block size is 4096 bytes, so it would be either 100 \* 4096 or if the file system can’t support that then the size of the FS.

**What is the largest number of files?**

The largest number of files is 100.

**What is the largest number of directory it can support?**

Zero

**How many subdirectory it can support?**

Zero

**If we reduce the block size, we also reduce the size of the bit map and the root directory**

**How do the answers to the above questions change with a block size of 1024? 8192?**

They will reduce by a scale of ¼ or double in size. As the original parameter is 4096.