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There are three main approaches to allocating disk blocks to files. Identify as many benefits and drawbacks of each approach that you can think of.

1. Contiguous allocation: All of the blocks of a file are allocated together on disk. If a file grows in size, a block is added to the end of the allocation.

Advantages	Disadvantages

2. Linked structure: Each block points to the next, directory entry identifies the first block of the file.

Advantages	Disadvantages

3. Indexed structure: Inode contains pointers to data blocks, there may also be indirect blocks that contain pointers to data blocks. Inode has a fixed size.

Advantages	Disadvantages