

1.)

Block #	17	18
Next block	18	0
	4589	24353
	43546	98745
	718	76345
	345	9877
		7345
		34535
		154698
		967
		8657

2.)

Block #	17	18
Next block	18	0
	4589	24353
	43546	98745
	718	76345
	345	9877
	22	7345
		34535
		154698
		967
		8657

3.)

Block #	17	18
Next block	18	0
		24353
		98745
		76345
		9877
		7345
		34535
		154698
		967
		8657

4.)

Block #		18
Next block		0
		24353
		98745
		76345
		9877
		7345
		34535
		154698
		967
		17

5.)

Block #		18
Next block		0
		24353
		98745
		76345
		9877
		7345
		34535

6.)

Block #	634534	18
Next block	18	0
		24353
		98745
		76345
		9877
		7345
		34535
		23456
		8345345
		56

2.) The linked list method consumes less space than the method for bitmaps when there is not much free space on the drive.