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Ch 7 problems: 7.2, 7.6, 7.7, 7.8, 7.12, 7.13, 7.14

7.2:

In the example you'd need 2^8 bits for the pointer

7.6:

a.

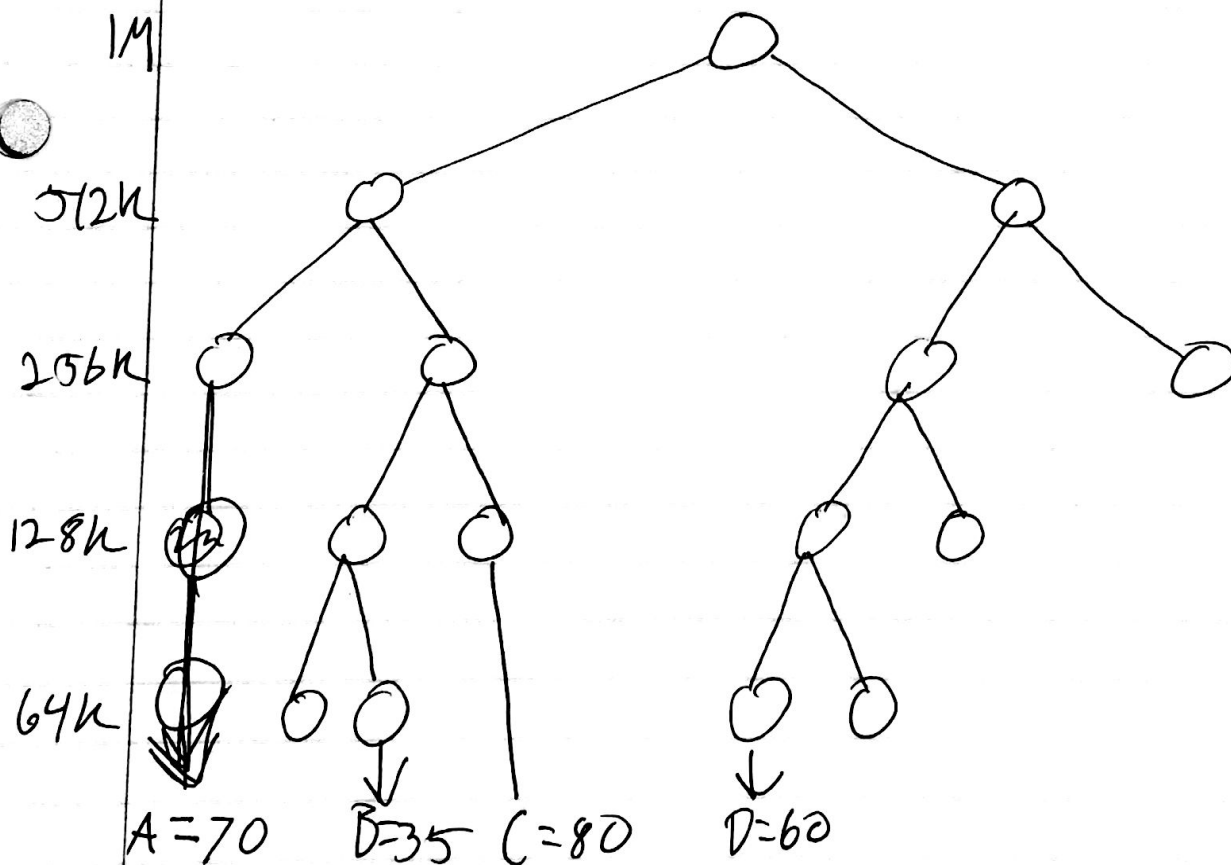
maximum size of the swapped out process is 5M

b.

The size of the section before the X process was admitted was 8M

$A=70$ $B=35$ $C=80$ $D=60$

1M Back	1M
Request 70	A 128k 512k
Request 35	A B 64k 512k
Request 80	A B 64k C 128k
Return A	128k B 64k C 128k
Request 60	128k B D C 128k
Return B	128k 64k D C 128k
Return D	512k C 128k
Return C	1M



lents have no allocation

7.12:

Physical memory: 2^{32}

Page size: 2^{10}

Logical memory: 2^{16}

a. There are 6 bits in the LA

b. 2^{10}

c. 8 bits

d. 2^{22}

e. 2^{22}

7.13: