

				L	R	U										
Oldest	1	1	1	2	4	2	1	5	6	1	2	3	6	3	2	
		2	2	3	2	1	5	6	2	2	3	7	3	2	3	
Newest			3	4	1	5	6	2	1	3	7	6	2	<u>1</u>	6	
				3					6			7		<u>3</u>		
				4					1			6		1		
				2					2			3		<u>2</u>		
														<u>1</u>		
														2		
														3		

				3	4	5	<del>6</del>
			1	4	2	6	<del>7</del>
		1	2	2	1	1	<del>2</del>
	1	2	3	1	5	2	<del>3</del>
1	2	3	<u>4</u>	5	<u>6</u>	3	<u>7</u>
			1		4		<del>5</del>
			3		<del>4</del>		<del>3</del>
			4		5		<del>2</del>
			<u>2</u>		6		1
			3		<del>2</del>		2
			4		1		3
			2		2		6
			1				

FIFO

1

1

1

1

1

1

2 1

2 1

3 2 1

3 2 1

4 3 2

4 3 2 1

1 4 3

5 4 3 2 1

5 1 4

6 5 4 3 2

6 5 1

1 6 5 4 3

2 6 5

2 1 6 5 4

1 2 6

3 2 1 6 5

3 1 2

7 3 2 1 6

7 3 1

6 7 3

2 6 7

1 2 6

3 1 2

6 3 1

Optimal

1			1		1				
1					1				
1	2				1	2			
1	2	3			1	2	3		
1	2	4			1	2	3	4	
1	2	5			1	2	3	4	5
1	2	6			1	2	3	6	5
1	2	3			1	2	3	6	7
7	2	3							
6	2	3							
1	2	3							
1	2	6							

(other possible sol.)