

Ejercicio.

1) Crear un árbol b de orden 4 con las claves:

{ lions, cowboys, patriots, steelers, dolphins, rams, 49ers, vach, bears, packers, panthers, ravens }

1) [cowboys | lions | patriots]

2) [lions | ]  
[cowboys | ] [patriots | steelers]

3) [lions | ]  
[49ers | cowboys | dolphins] [patriots | rams | steelers]

4) [lions | rams | ]  
[49ers | cowboys | dolphins] [patriots | ravens | ]  
[steelers | ]

5) [cowboys | lions | rams]  
[49ers | bears | ] [dolphins | ] [patriots | ravens | ]  
[steelers | ]

6) [cowboys | lions | rams]  
[49 | be | ] [dol | ] [pat | pac | rav] [stee | ]

7) [lions | ]  
[cowboys | ] [pac | ram]  
[49 | be | ] [dol | ] [pat | pan | ] [rav | ten | ]  
[stee | ]



2) Crear un árbol b de orden 5 con las claves:

$\{78, 40, 23, 8, 6, 37, 32, 45, 29, 7, 88, 21, 4, 17, 39, 14, 66, 24, 12, 7\}$

1) 

8	23	40	75
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2) 

23			
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6	8		
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40	75		
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3) 

23	40		
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6	8		
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32	37		
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45	75		
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4) 

23	40		
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7	14	6	8
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25	29	32	37
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45	75	88	
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5) 

6	23	40	
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1	4		
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8	11		
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25	29	32	37
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45	75	88	
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6) 

6	23	32	40
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1	4		
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8	11	14	
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25	29		
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37	39		
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45	75	88	
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6	23	32	40
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1	4		
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8	11	12	14
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24	25	29	
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37	39		
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45	66	75	88
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7) 

23			
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6	11		
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32	40		
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1	4		
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7	8		
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12	14		
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24	25	29	
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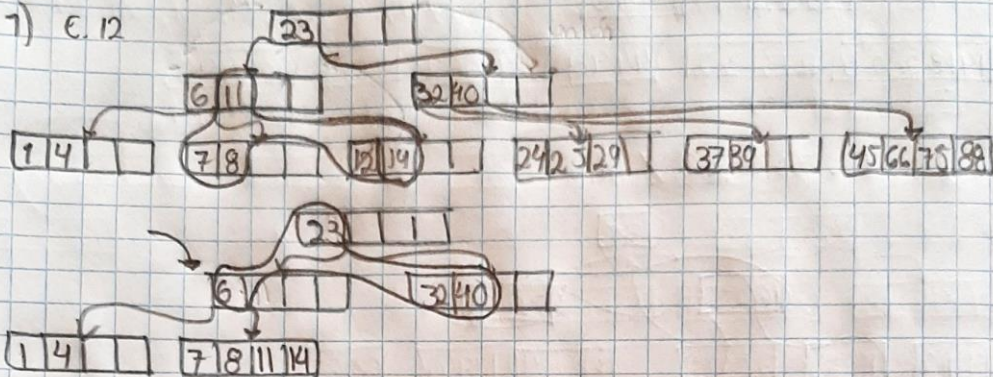
37	39		
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45	66	75	88
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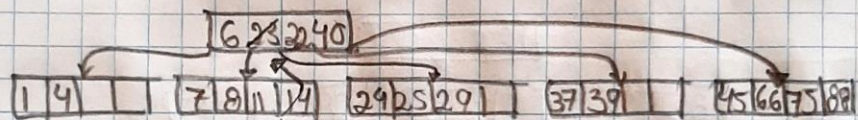


3) Eliminar las claves: 12, 23, 75, 40, 4, 37, 66, 8

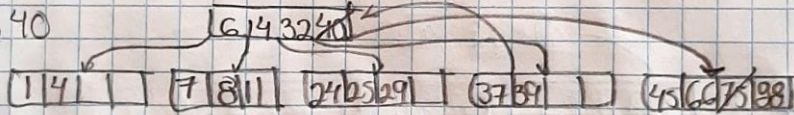
1) E. 12



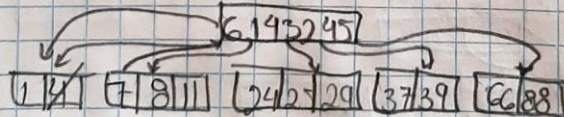
2) E. 23



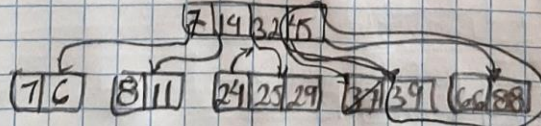
3) E. 75, 40



4) E. 4



5) E. 37



6) E. 66, 8

