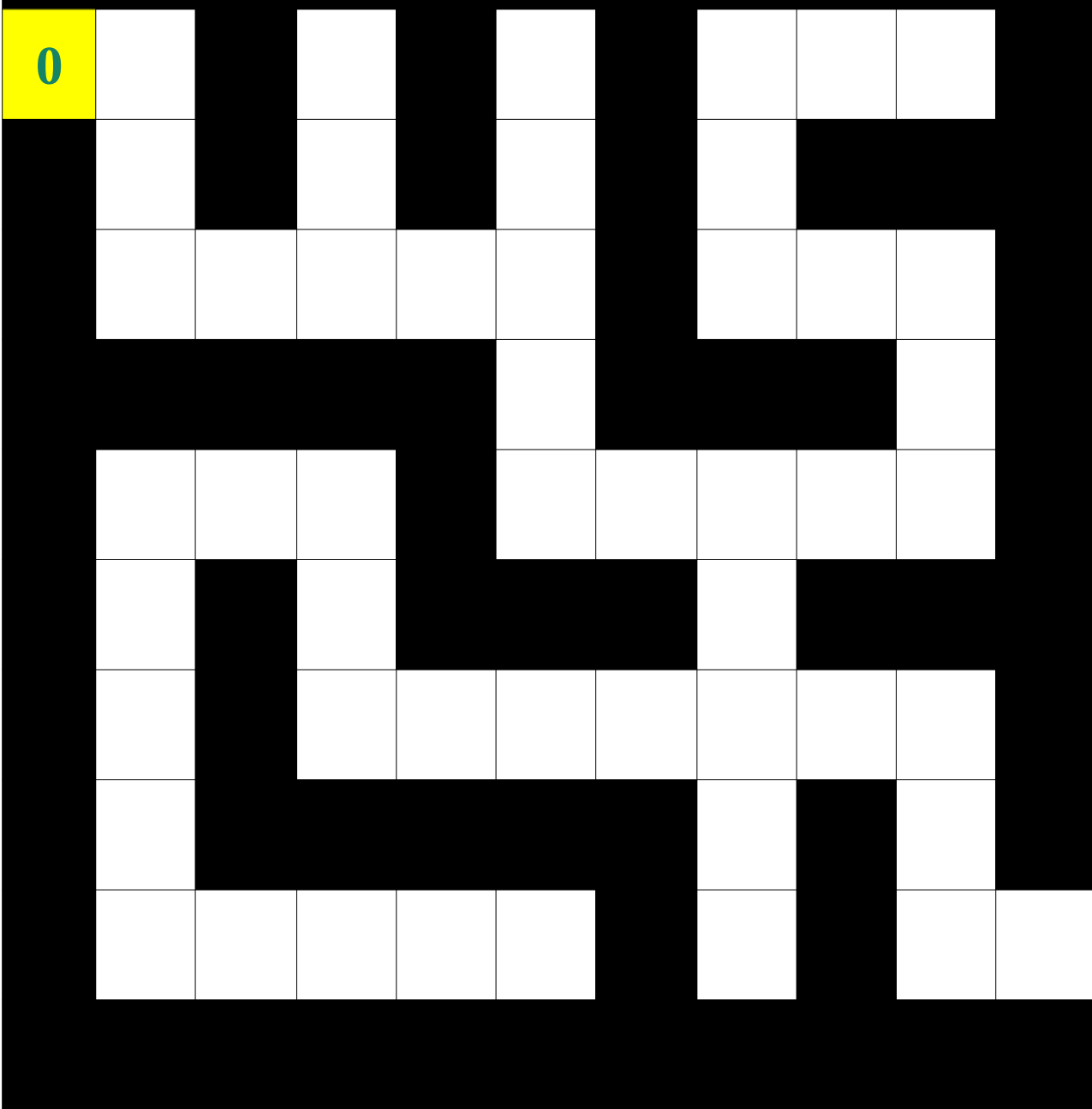


D

A



Coût réel «C»

1

1

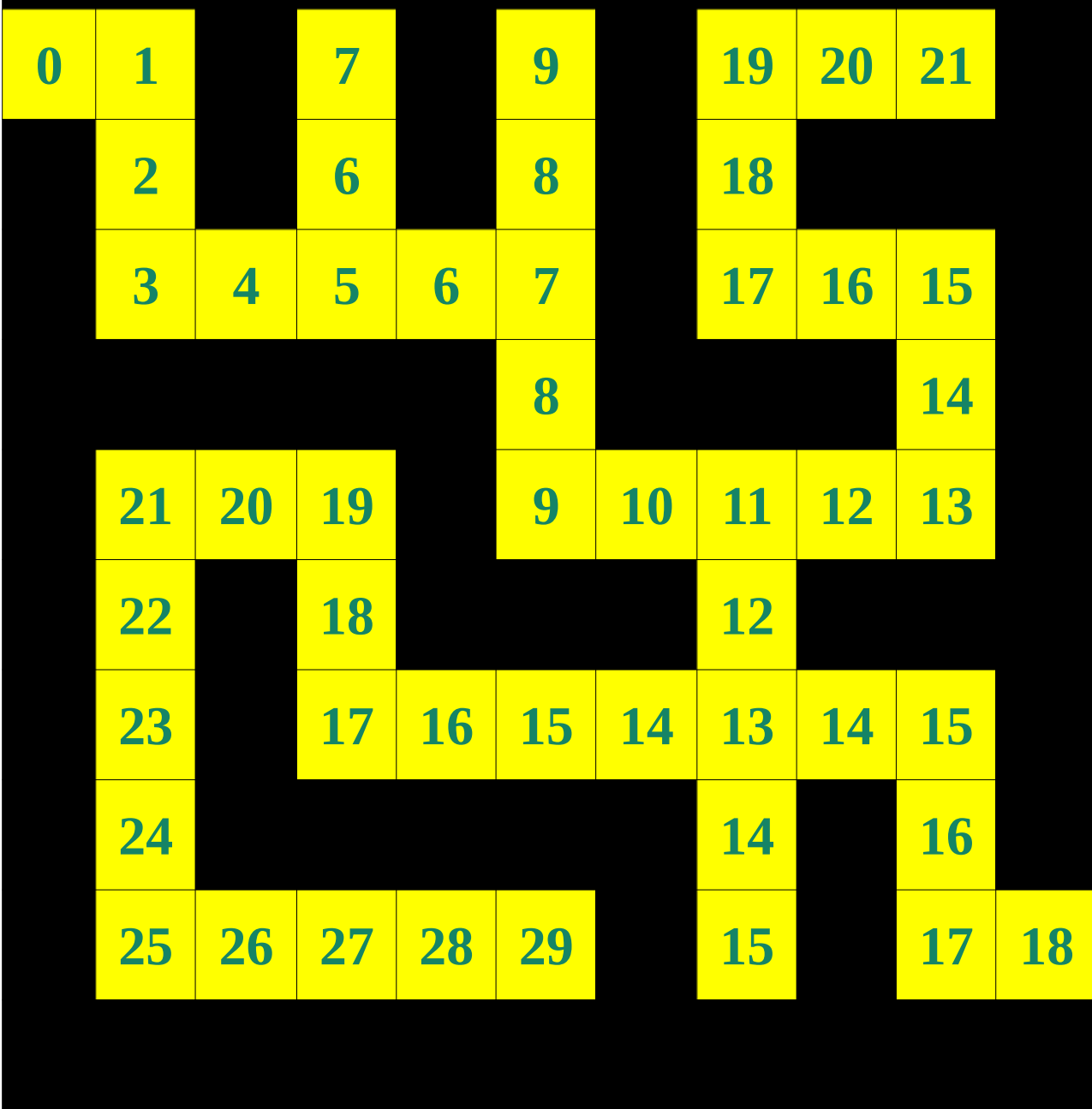
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:

1

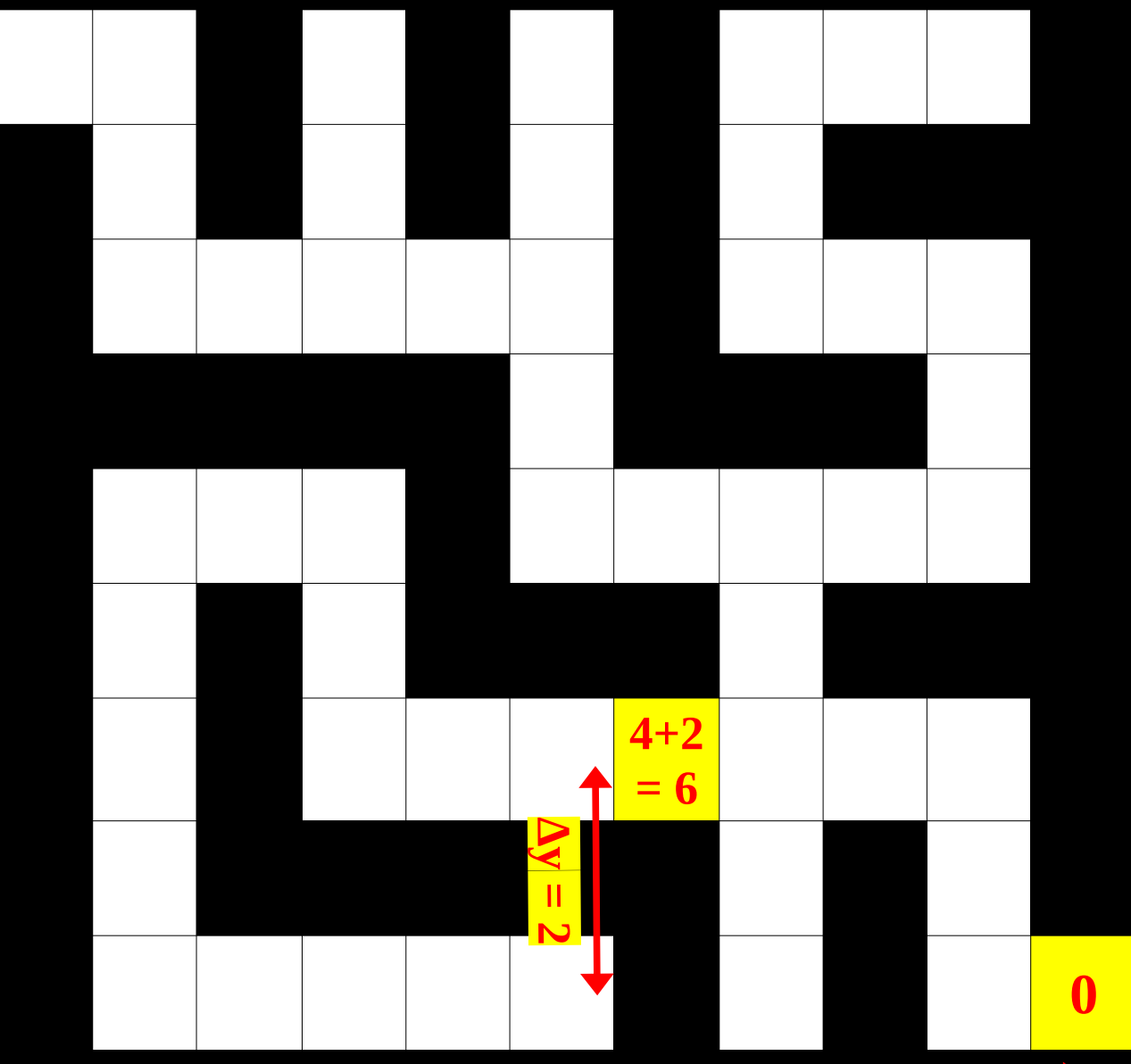
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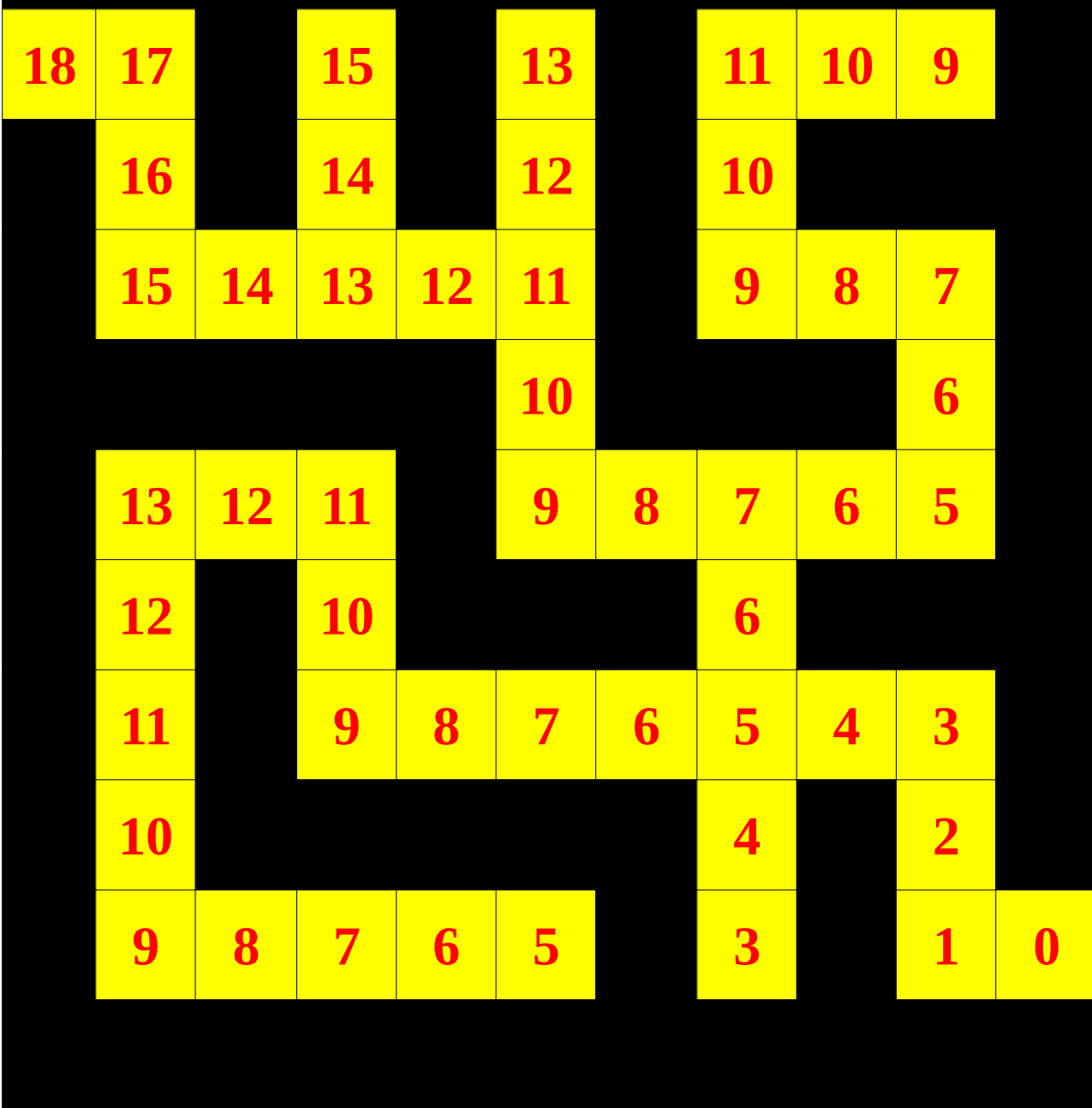
2



Coût réel «c»

1 1 : : 1 : 2

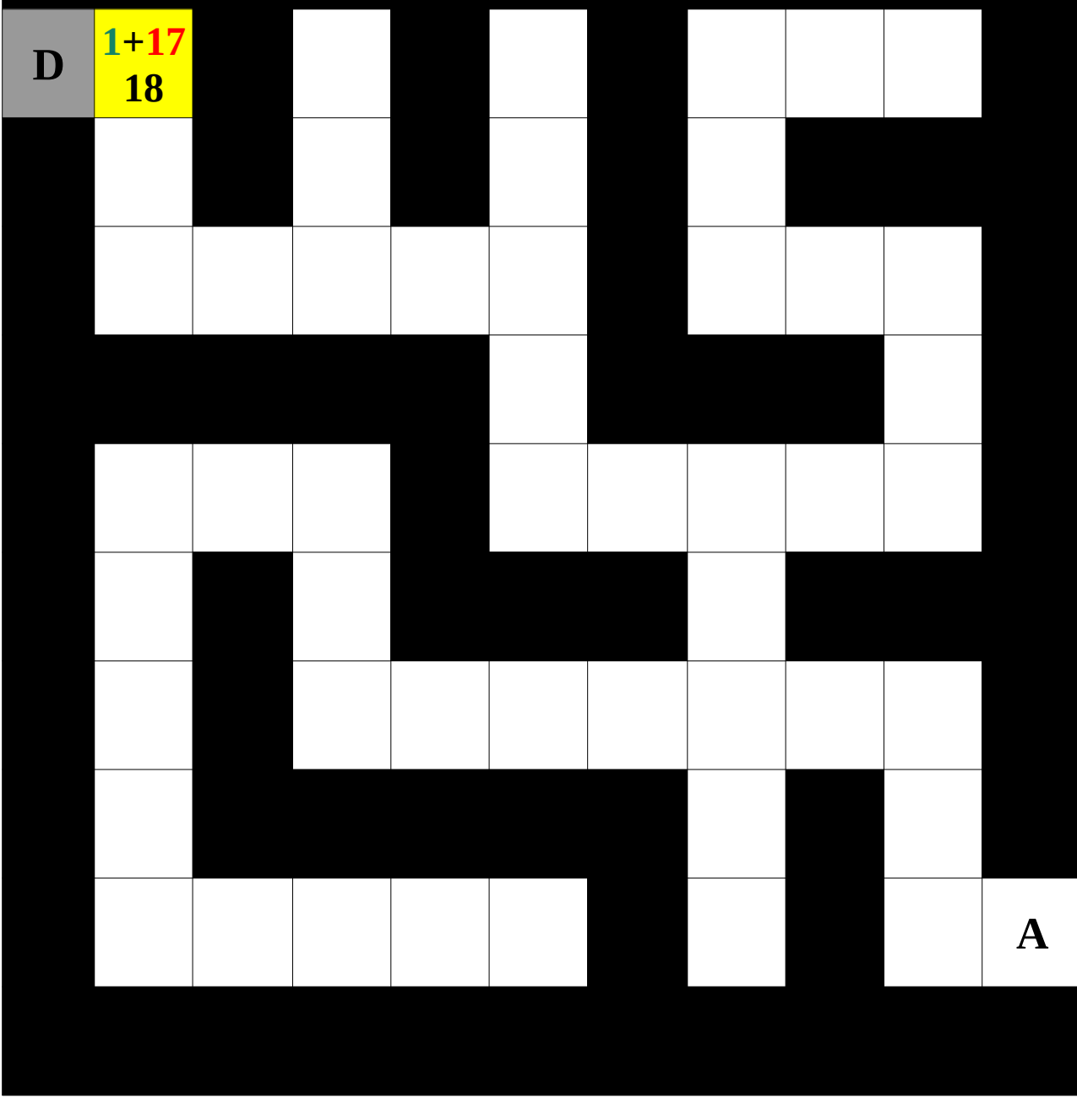




Heuristique Manhattan «**h**»

$$h = |\Delta x| + |\Delta y|$$

où

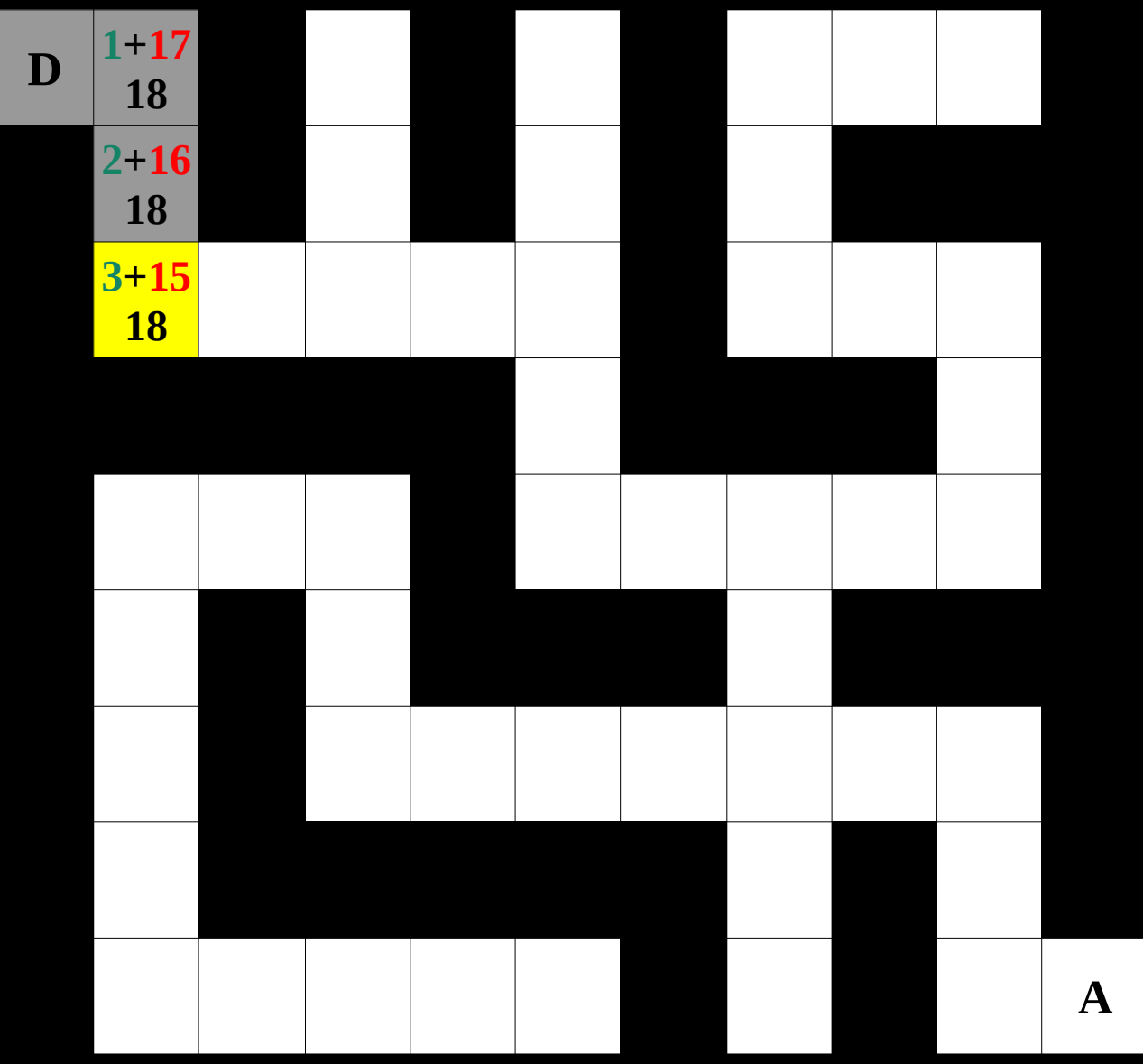


D

1+17
18

A

[illegible][illegible][illegible][illegible]



D

1+17
18

2+16
18

3+15
18

4+14
18

A

[illegible]

[illegible]

[illegible][illegible]

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

D	1+17 18							
	2+16 18	6+14 20		8+12 20				
	3+15 18	4+14 18	5+13 18	6+12 18	7+11 18			
				8+10 18				
				9+9 18				
								A

D

1+17
18

2+16
18

3+15
18

$$4 + 14 = 18$$
$$5 + 13 = 18$$

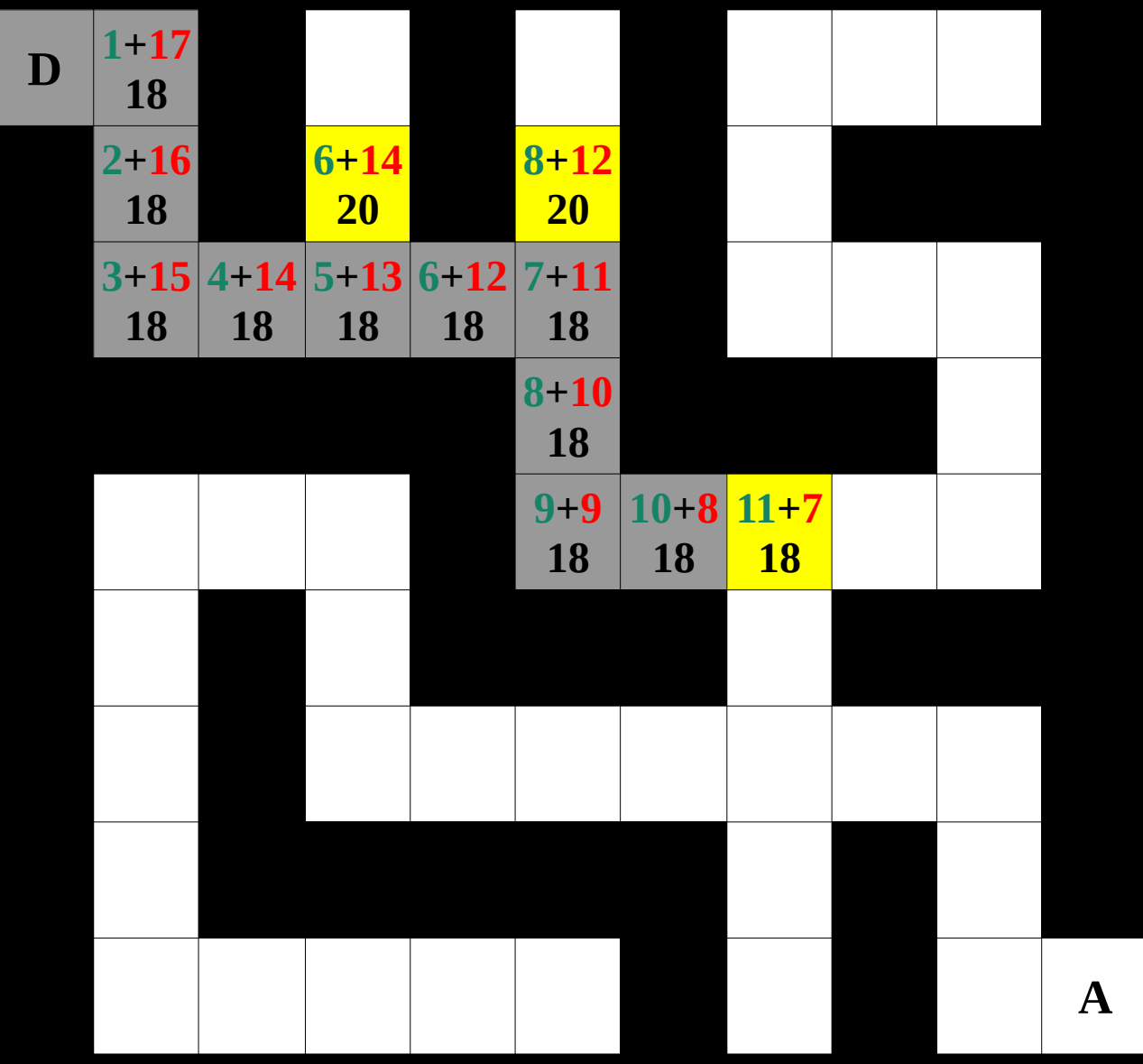
6+12
18

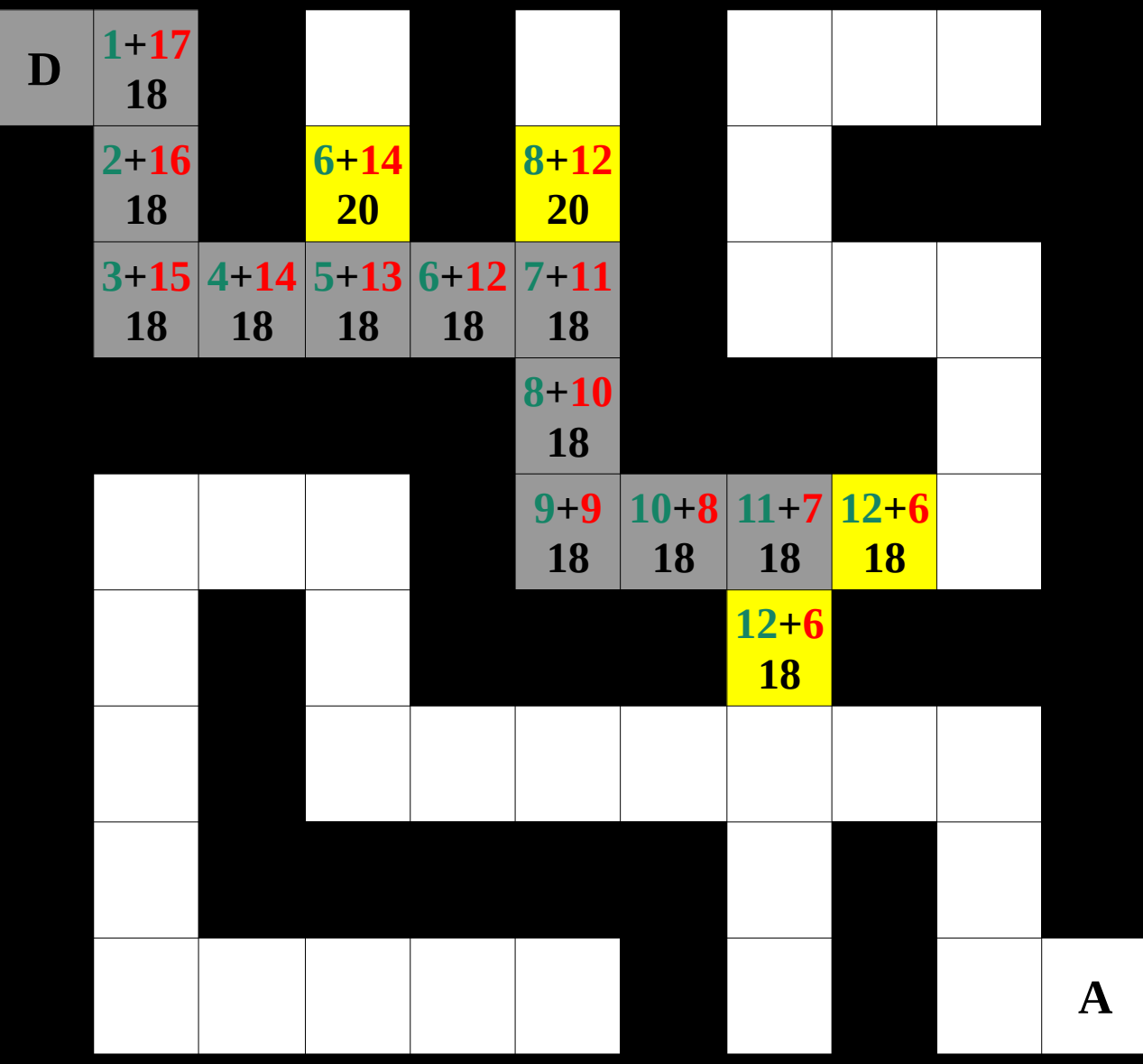
$$7 + 11 = 18$$
$$8 + 10 = 18$$

9+9
18

10+8
18

A



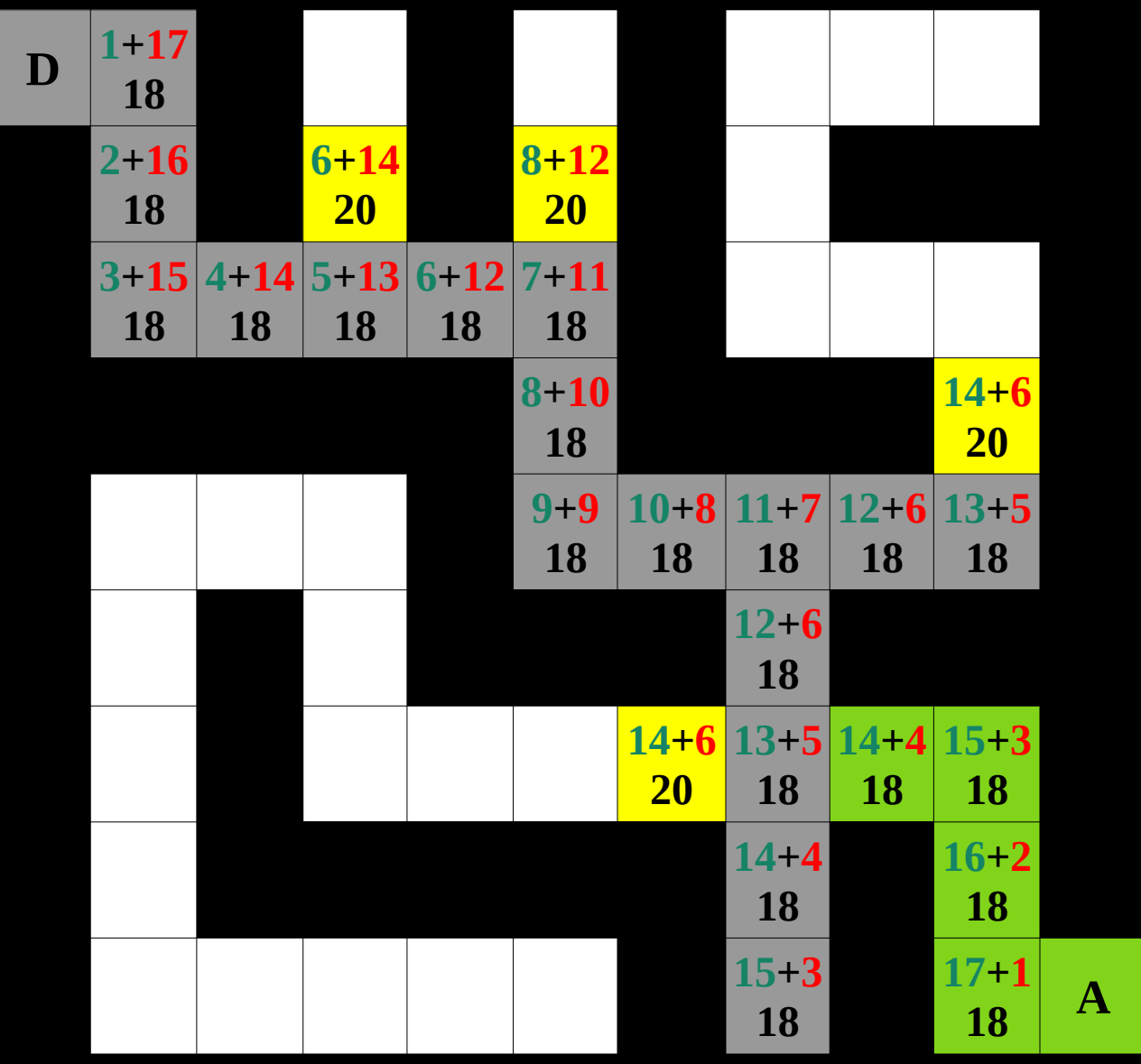


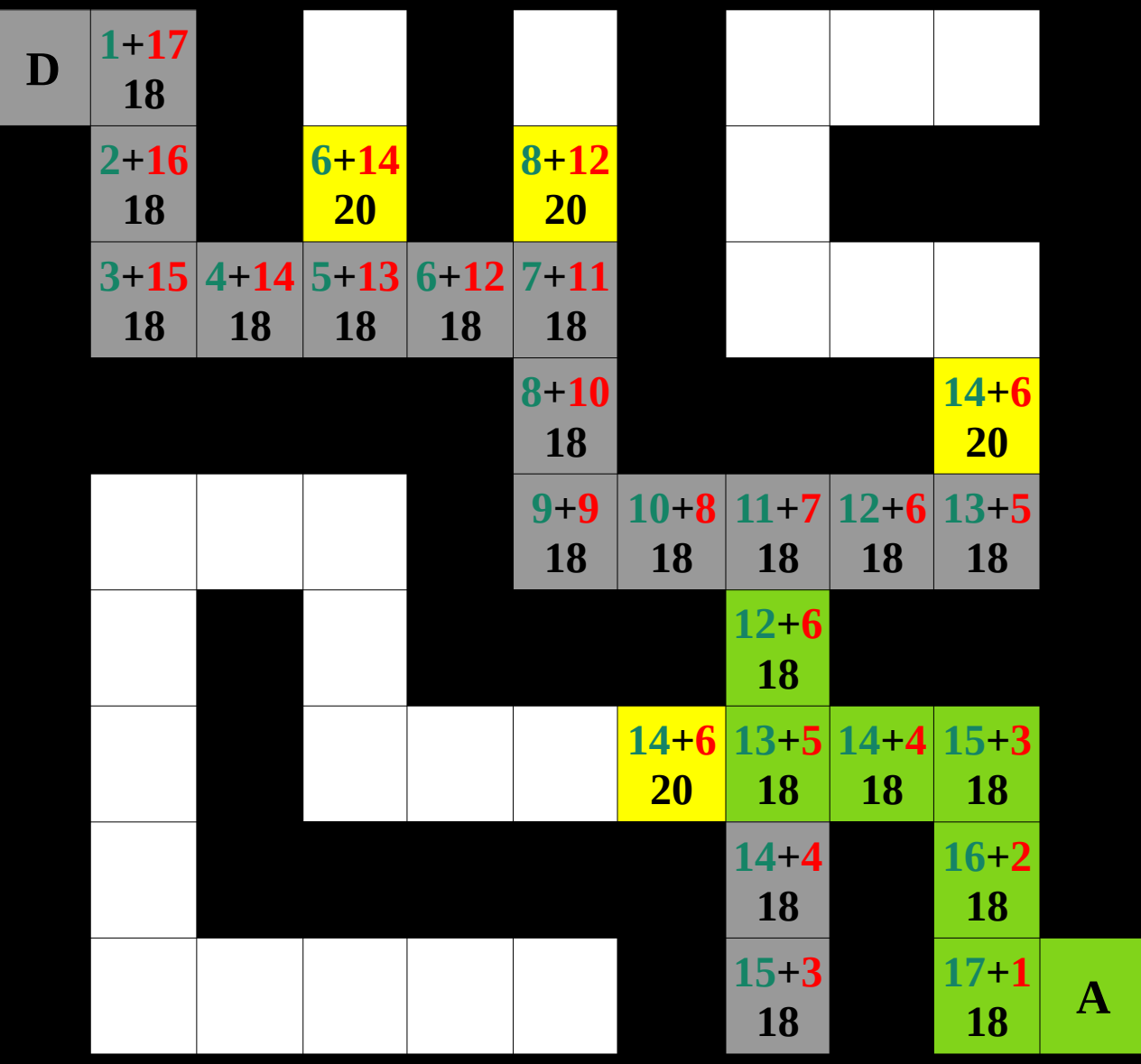
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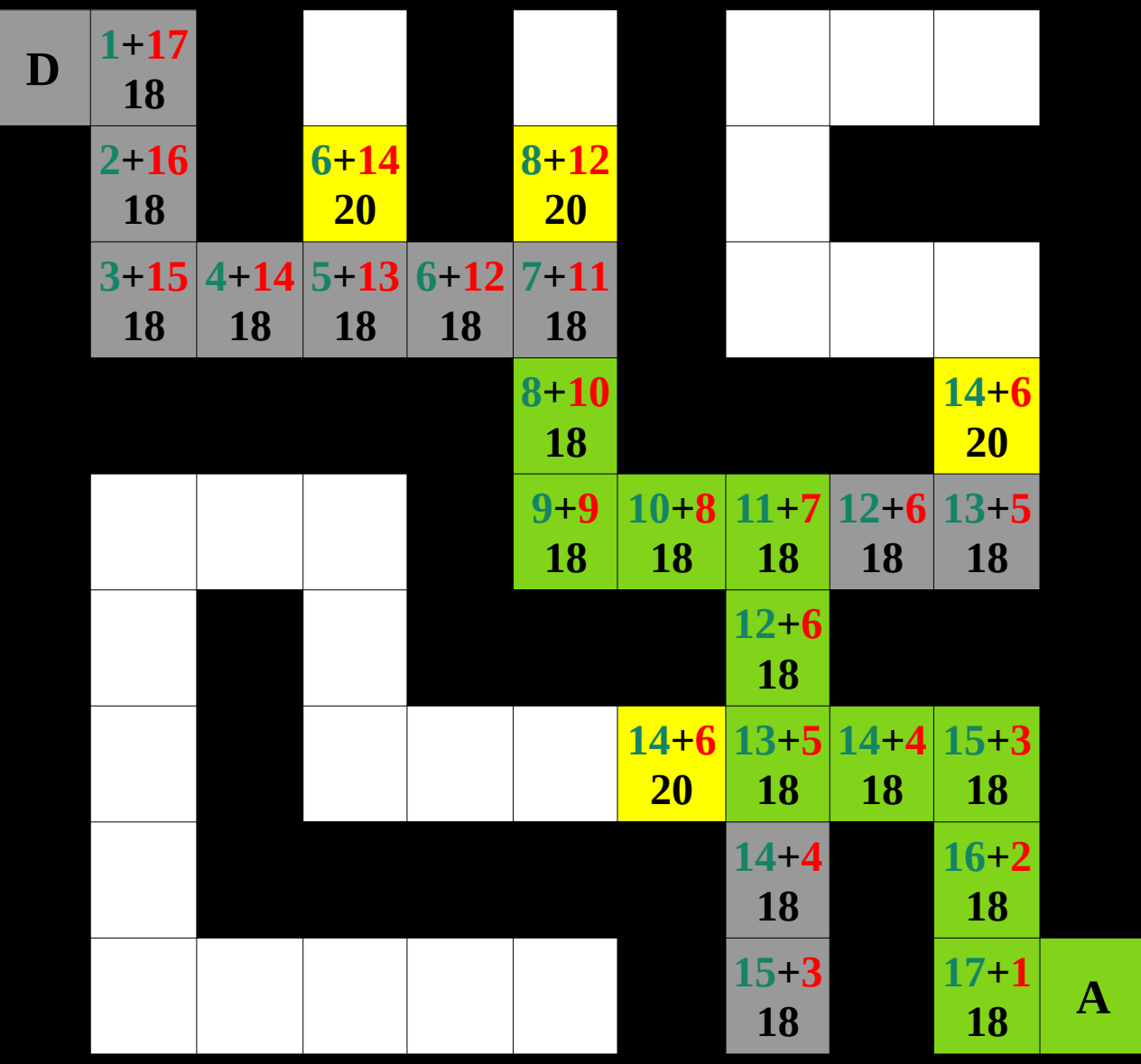
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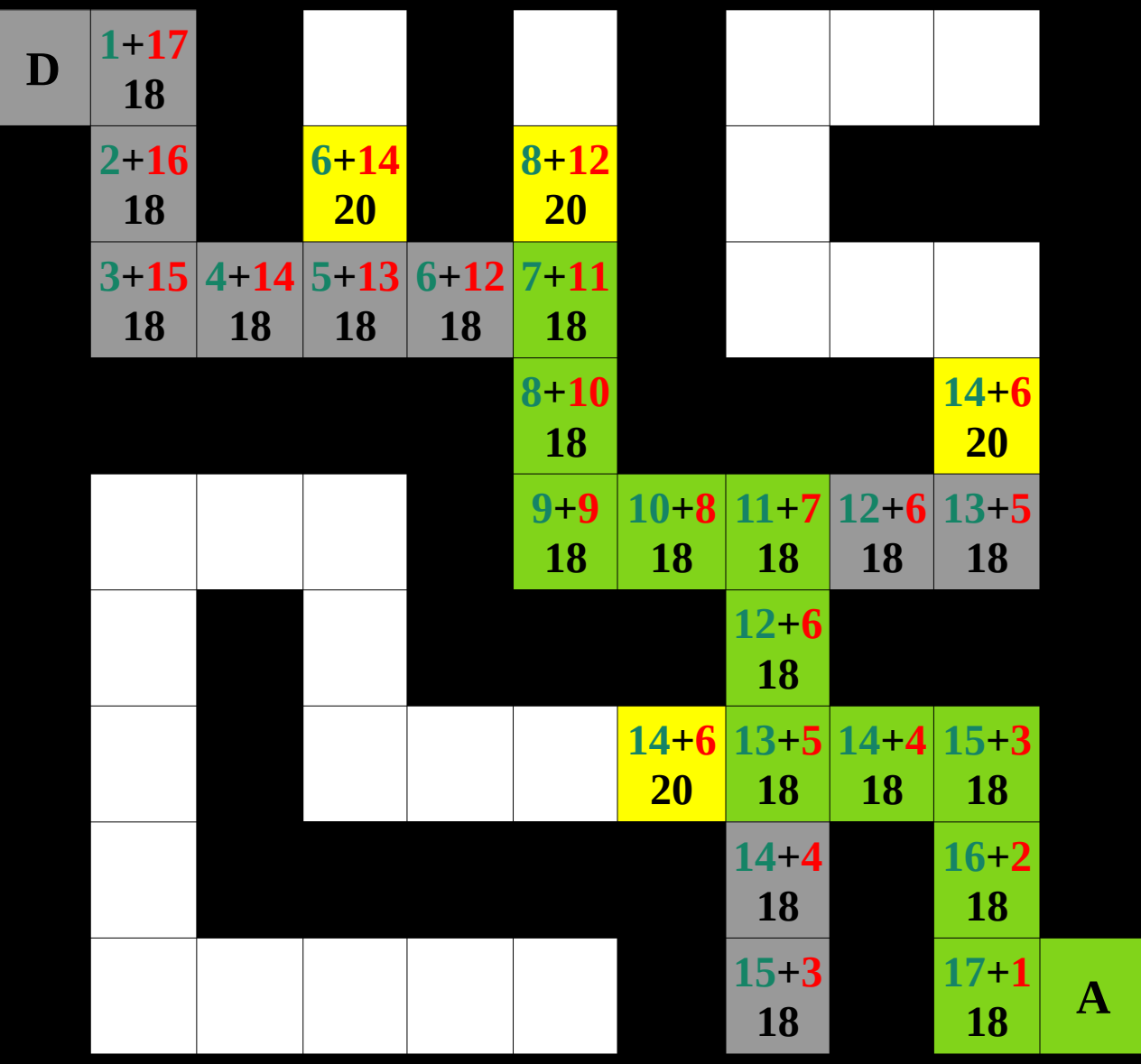
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	2+16 18		6+14 20		8+12 20			
	3+15 18	4+14 18	5+13 18	6+12 18	7+11 18			
					8+10 18			14+6 20
					9+9 18	10+8 18	11+7 18	12+6 18
							12+6 18	
						14+6 20	13+5 18	14+4 18
							15+3 18	
							14+4 18	16+2 18
							15+3 18	17+1 18
								A



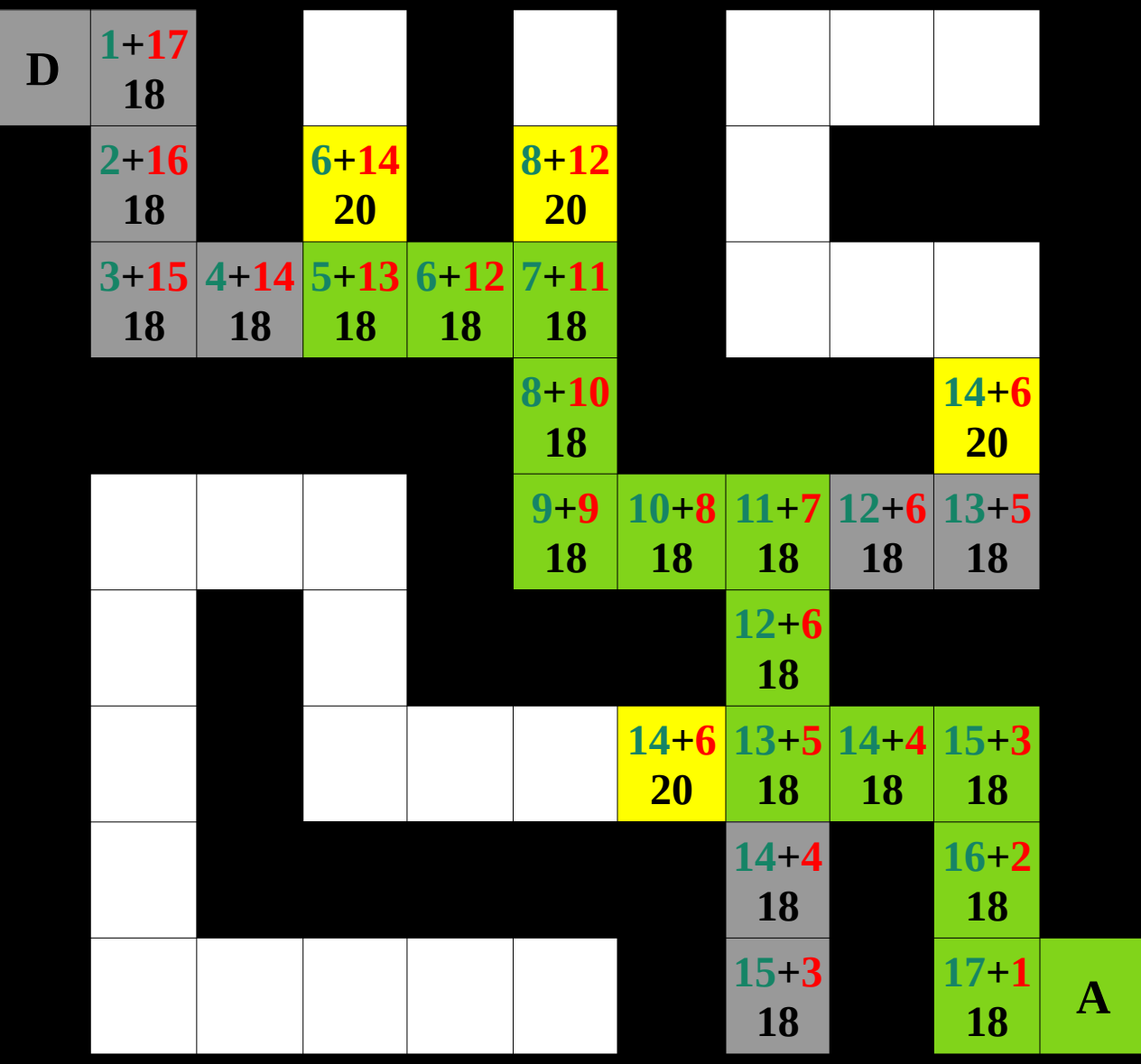


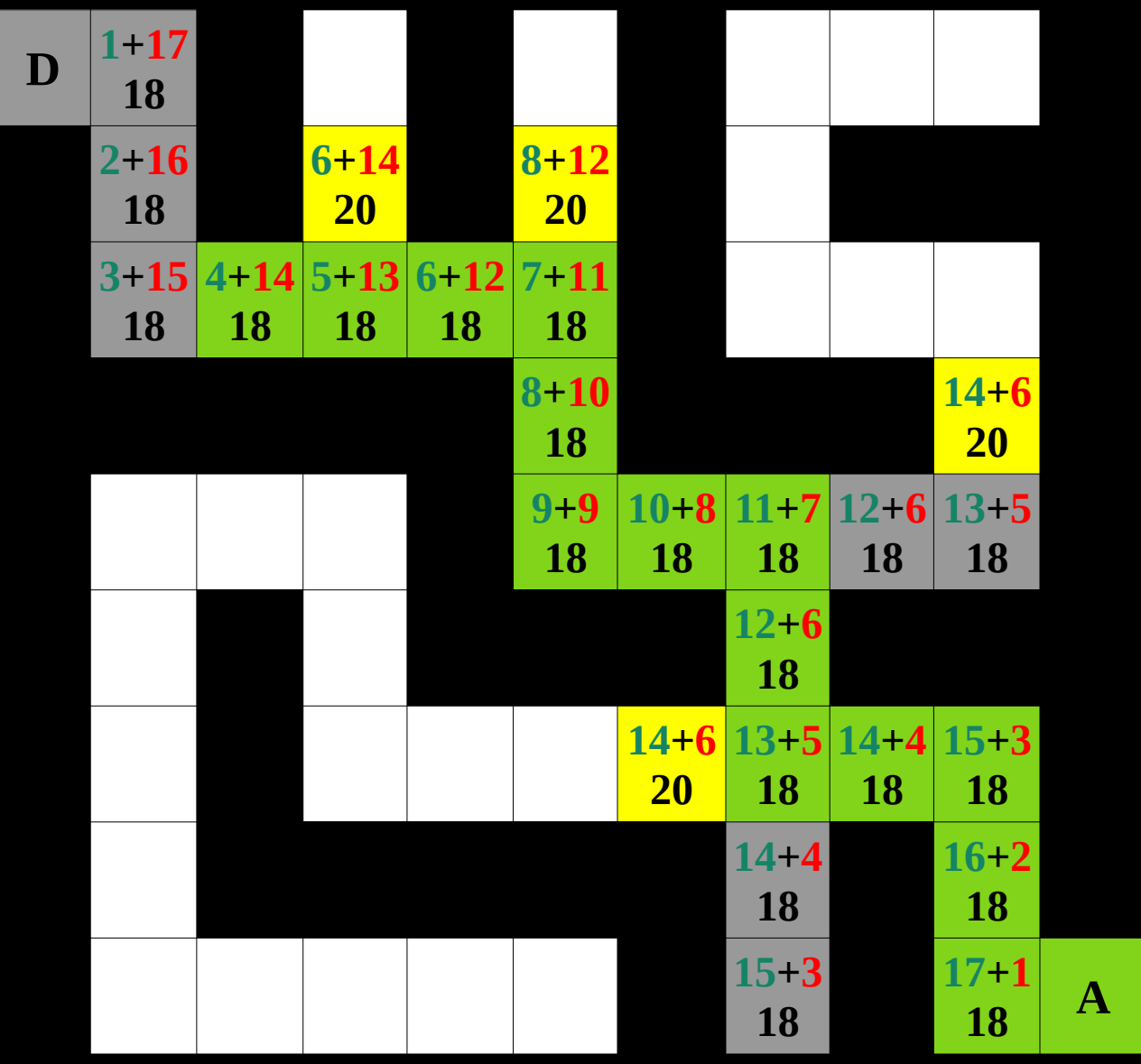
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	3+15 18	4+14 18	5+13 18	6+12 18	7+11 18			
				8+10 18				14+6 20
				9+9 18	10+8 18	11+7 18	12+6 18	13+5 18
						12+6 18		
					14+6 20	13+5 18	14+4 18	15+3 18
						14+4 18		16+2 18
						15+3 18		17+1 18
								A

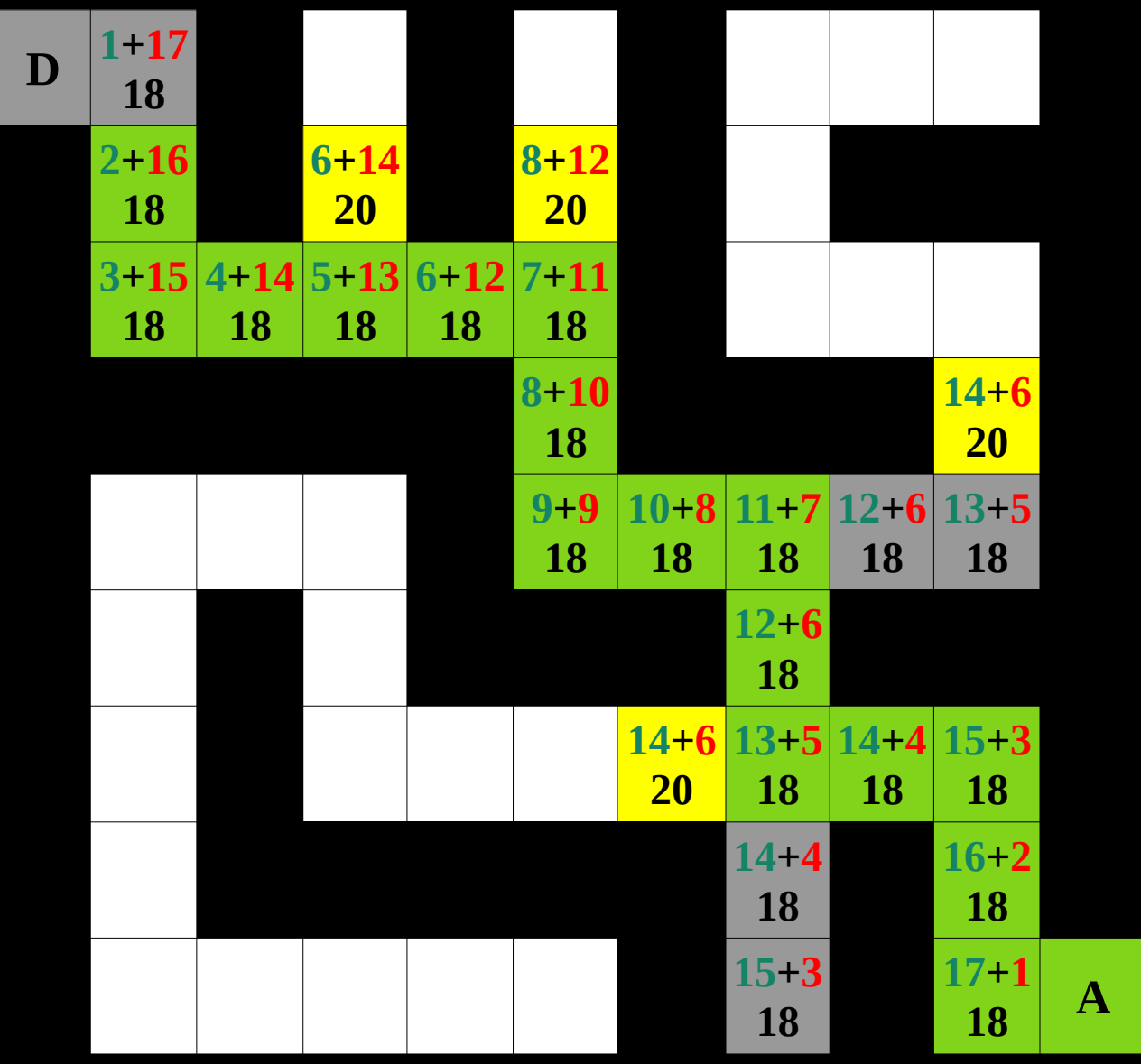


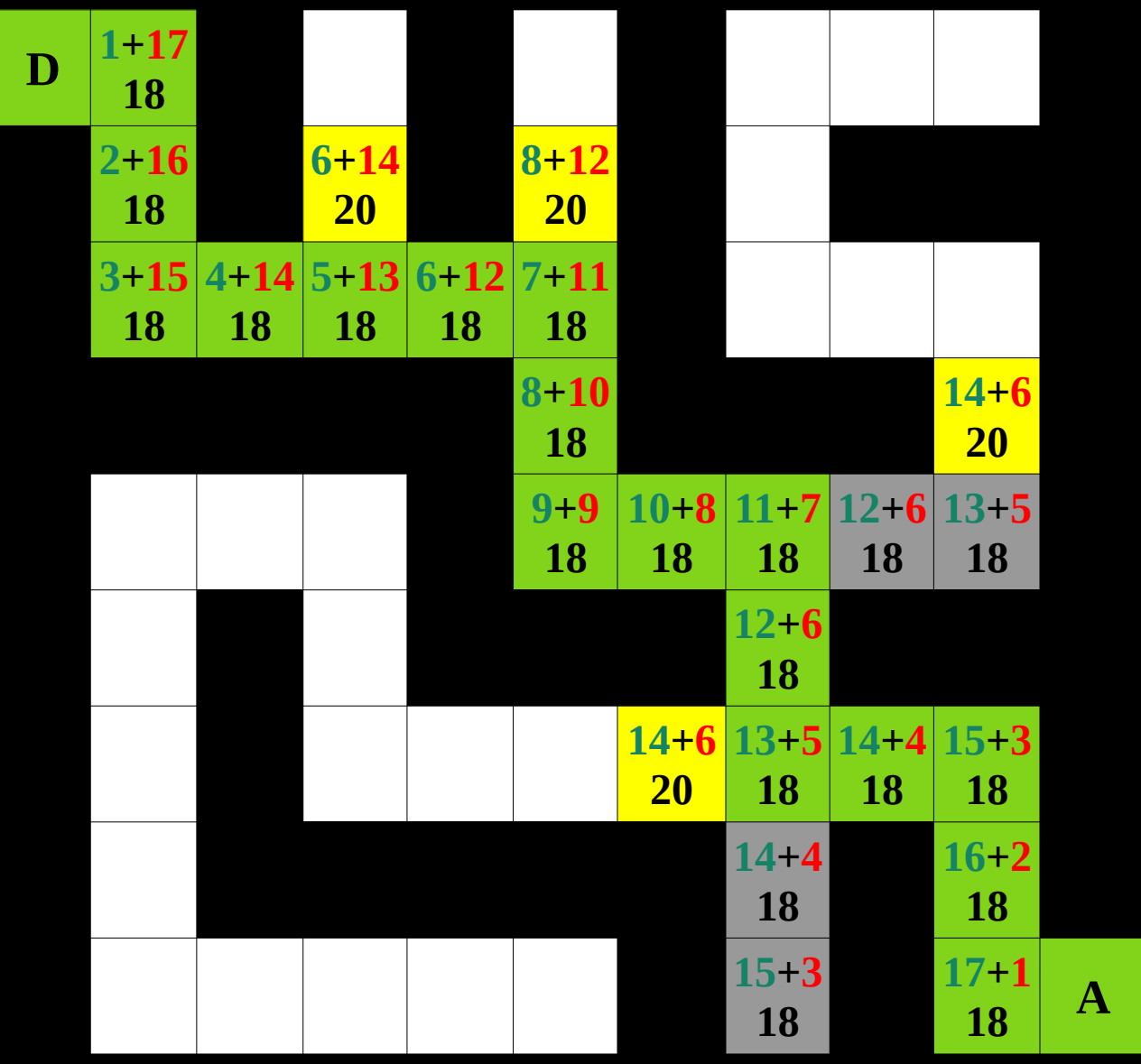


D	1+17 18									
	2+16 18		6+14 20		8+12 20					
	3+15 18	4+14 18	5+13 18	6+12 18	7+11 18					
				8+10 18				14+6 20		
				9+9 18	10+8 18	11+7 18	12+6 18	13+5 18		
						12+6 18				
						14+6 20	13+5 18	14+4 18	15+3 18	
							14+4 18		16+2 18	
							15+3 18		17+1 18	A









D	1+ 18							
	2+ 18		6+14 20		8+12 20			
	3+ 18	4+ 18	5+ 18	6+ 18	7+ 18			
					8+ 18			14+6 20
					9+ 18	10+ 18	11+ 18	12+6 18
								13+5 18
							12+ 18	
						14+6 20	13+ 18	14+ 18
							15+ 18	16+ 18
							14+4 18	
							15+3 18	17+ 18
								A

D	1+ 18							
	2+ 18		6+14 20		8+12 20			
	3+ 18	4+ 18	5+ 18	6+ 18	7+ 18			
					8+ 18			14+6 20
				9+ 18	10+ 18	11+ 18	12+6 18	13+5 18
						12+ 18		
						14+6 20	13+ 18	14+ 18
							15+ 18	16+ 18
							14+4 18	
							15+3 18	17+ 18
								A

D	1+ 18							
	2+ 18		6+14 20		8+12 20			
	3+ 18	4+ 18	5+ 18	6+ 18	7+ 18			
					8+ 18			14+6 20
				9+ 18	10+ 18	11+ 18	12+6 18	13+5 18
						12+ 18		
						14+6 20	13+ 18	14+ 18
							15+ 18	16+ 18
							14+4 18	
							15+3 18	17+ 18
								A

