

# **HW1: Solutions**

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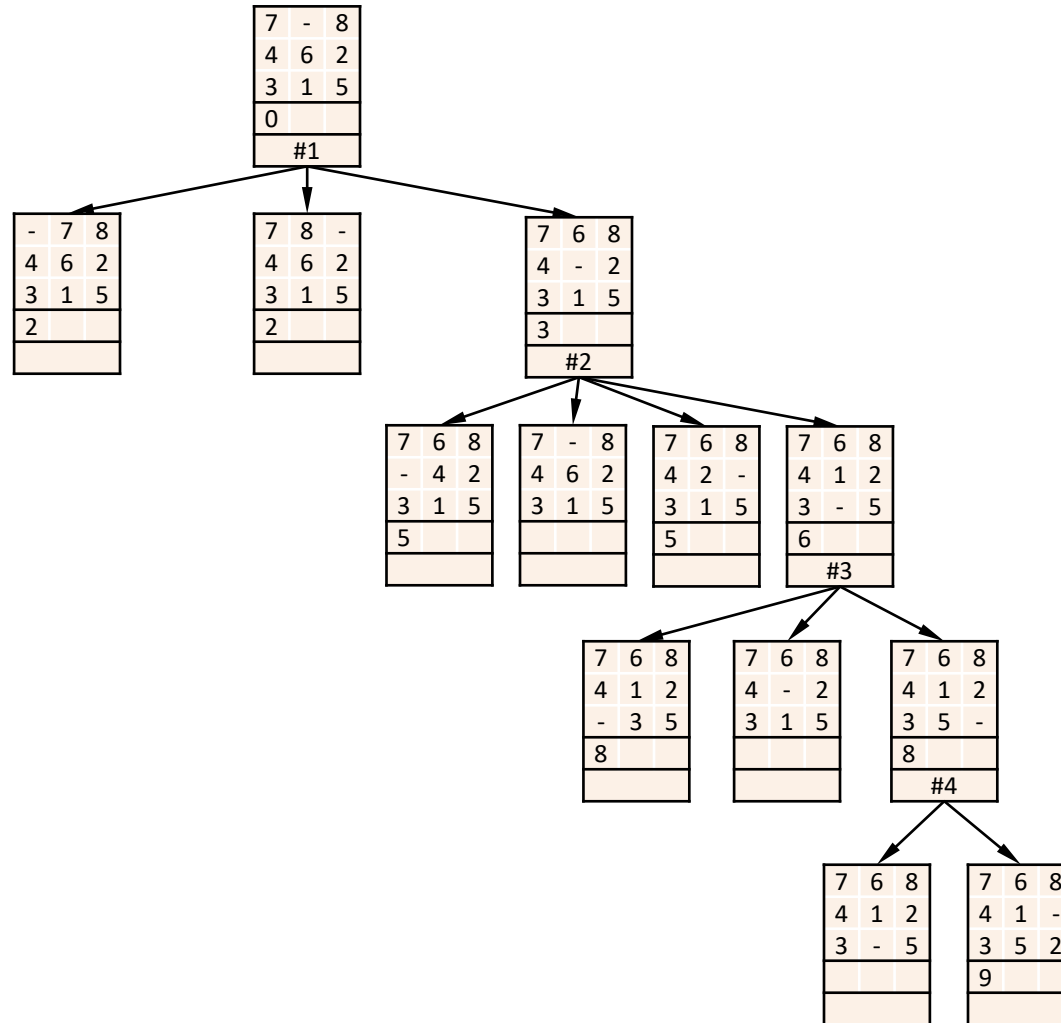
# Q3.UCS

d	$10_8$	$8_6$	$5_4$	$1_2$	$0_0$
c	$13_9$			$3_3$	$2_1$
b	$16_{10}$	$15_{12}$	$12_{10}$		$4_2$
a	$14_{11}$	$11_9$	$9_7$	$7_5$	$6_3$
	1	2	3	4	5

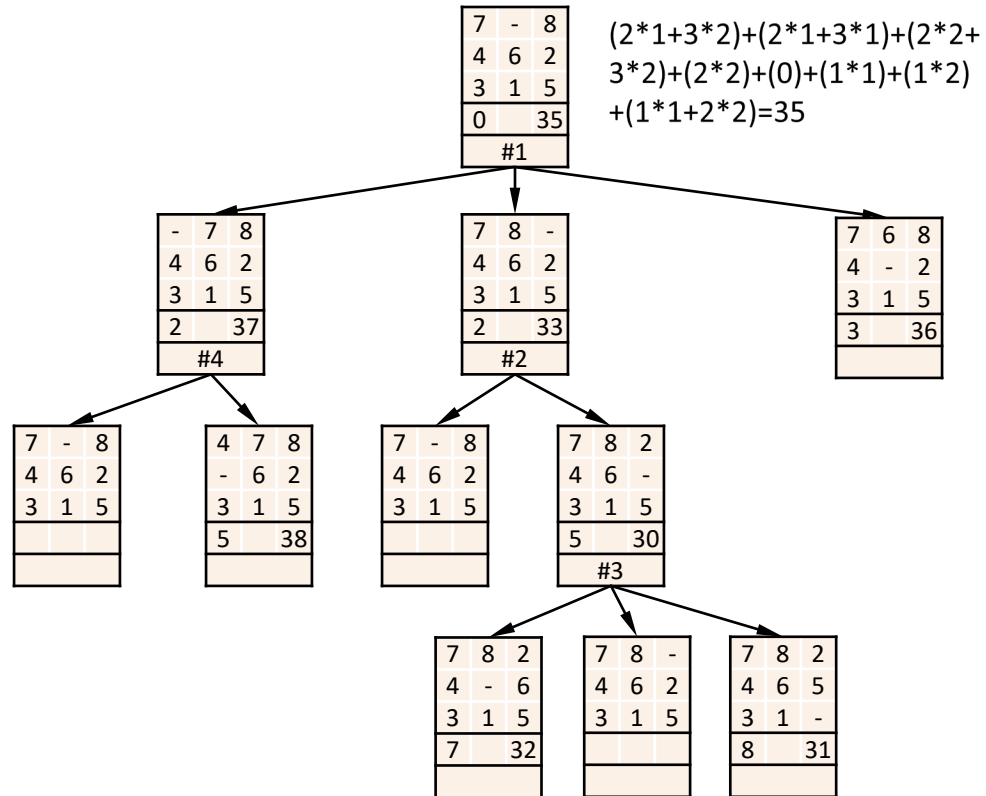
# Q3.GBFS

d	$6_4$	$5_2$	$3_4$	$1_6$	$0_8$
c	$7_3$			$4_5$	$2_7$
b	$8_2$	$9_0$			
a	$10_5$				
	1	2	3	4	5

# Q4.DFS



# Q4.A\*



# Q5

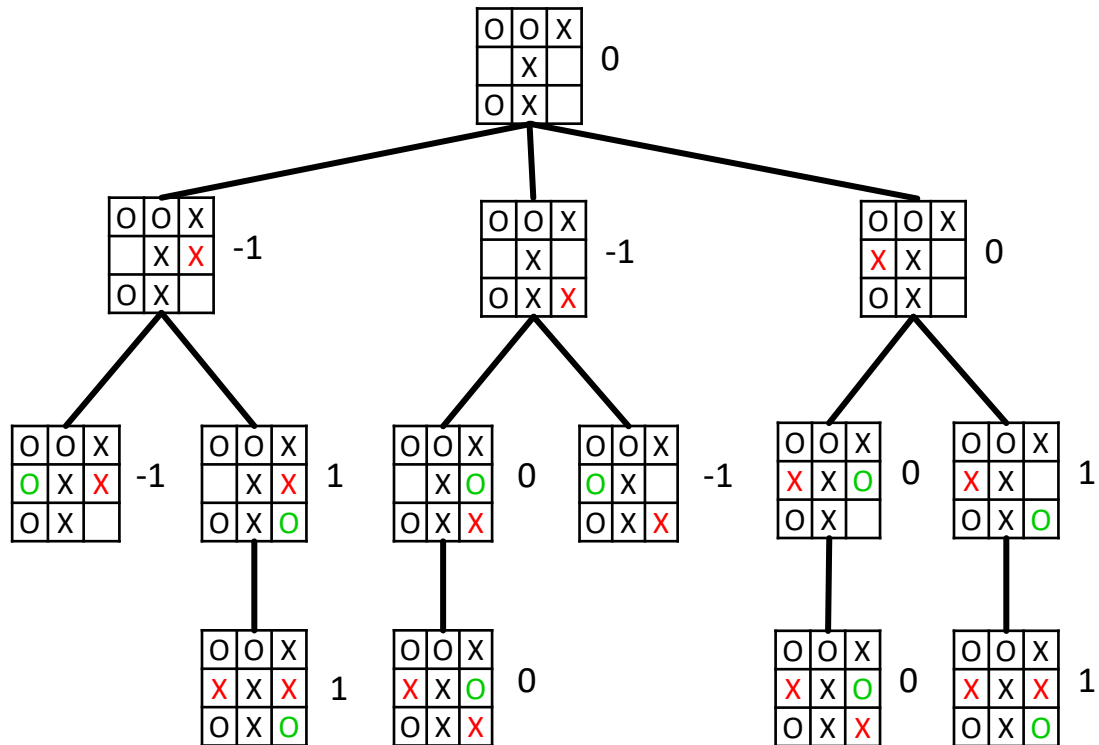
8	9	2	7	6	1	5	4	3
7	5	4	2	3	9	8	6	1
3	1	6	8	5	4	2	7	9
2	7	1	9	4	3	6	8	5
5	6	3	1	2	8	4	9	7
9	4	8	6	7	5	3	1	2
1	3	5	4	8	7	9	2	6
4	2	7	3	9	6	1	5	8
6	8	9	5	1	2	7	3	4

# Q6

	Q				
			Q		
					Q
Q					
		Q			
				Q	

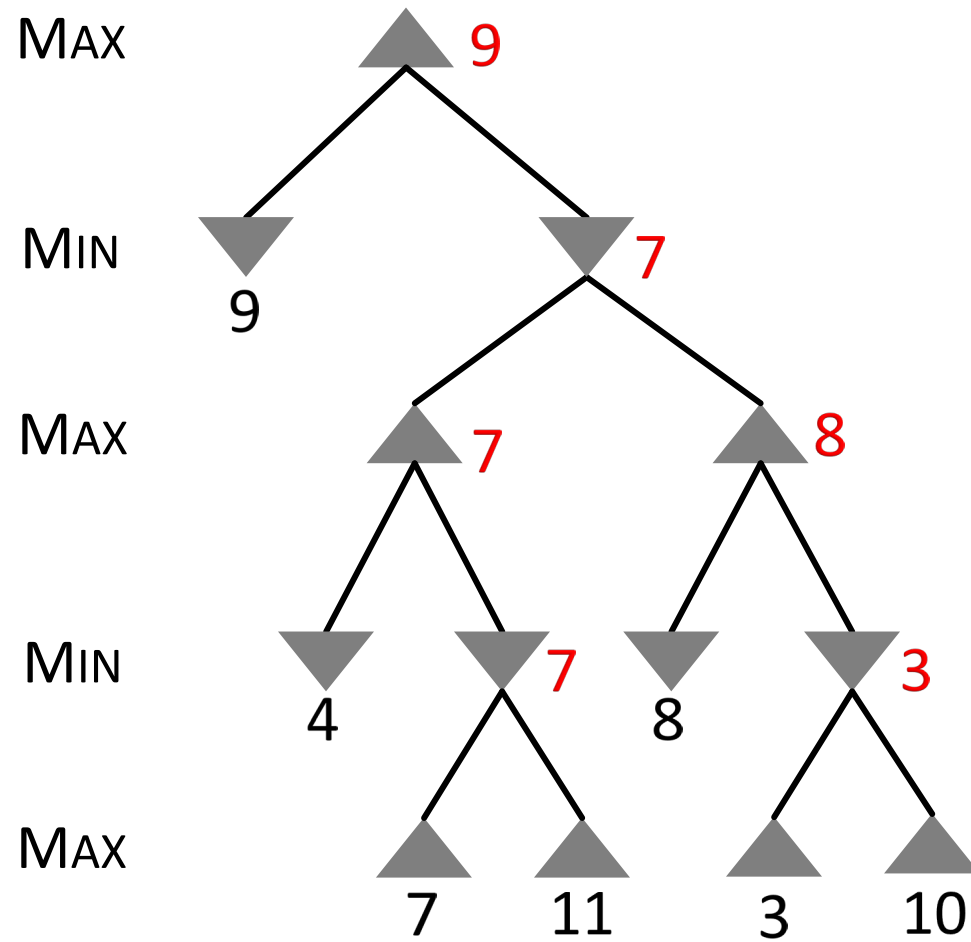
		Q			
					Q
	Q				
				Q	
Q					
			Q		

# Q7

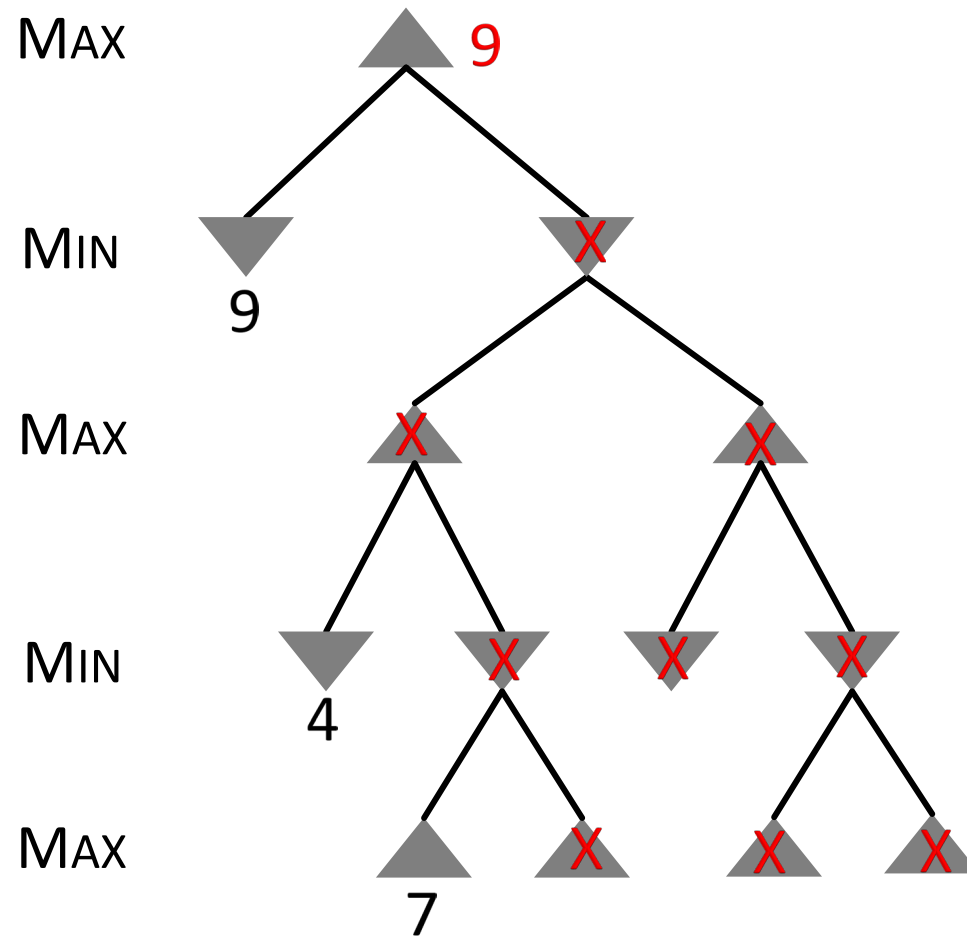




# Q8.a



# Q8.b



# Q9

