

In Class Work, 7.3

- Given the BFS below, compute the solution to the dual and determine if the BFS gives the optimal solution. If not, say which cell should come into the basis.

	$v_1 =$	$v_2 =$	$v_3 =$	$v_4 =$	Supply
$u_1 =$		2		3	5
	5			5	
$u_2 =$		2		1	10
	7		3		
$u_3 =$		3		8	15
			5	4	
Demand	12	8	4	6	30

- Continuing from the previous answer, update the tableau and check if it is optimal:

	$v_1 =$	$v_2 =$	$v_3 =$	$v_4 =$	Supply
$u_1 =$		2		3	5
				5	
$u_2 =$		2		1	10
				3	
$u_3 =$		3		8	15
			5	4	
Demand	12	8	4	6	30