

	Cabinet	Table	Created by Sang Hwa Lee		
Production	4	6	Total profit		
Unit Profit	\$1,220	\$820	\$9,800		
<b>Constraints</b>			Used	Inequality	Available
Material 1 (Carpentry)	22	12	160	<=	160
Material 2 (Finishing)	8	8	80	<=	80

	Cabinet	Table	Created by Sang Hwa Lee		
Production	5	5	Total profit		
Unit Profit	\$1,220	\$820	\$10,200		
<b>Constraints</b>			Used	Inequality	Available
Material 1 (Carpentry)	22	10	160	<=	160
Material 2 (Finishing)	8	8	80	<=	80

		Teaming	Problem Solving	Total Cost	Created by Sang Hwa Lee	
Sessions		6	14			
Cost		\$12,000	\$10,000	\$212,000		
Constraints				Used	Inequality	Available
Teaming session of Manager of quality improvement		1		6	$\geq$	6
Problem solving session of Manager of quality improvement			1	14	$\geq$	12
Sessions of Senior level management		1	1	20	$\geq$	20
Total Hours		3	2	46	$\leq$	60