

Prolific Technology, Inc. Transportation to Warehouse

		Shipping Costs from Manufacturing Plant			Number of Items Shipped	
Customer Locations	Box Orders	San Fran	Madison	Wilmington	San Fran	Madison
NYC	125	\$ 108.95	\$ 21.50	\$ 27.15		
Madison	187	\$ 116.45	\$ 25.40	\$ 47.90		
San Mateo	64	\$ 20.25	\$ 78.15	\$ 65.55		
Wilmington	313	\$ 84.00	\$ 38.40	\$ 13.90		
Tampa	56	\$ 50.85	\$ 50.00	\$ 33.95		
Boston	78	\$ 86.65	\$ 7.95	\$ 26.20		
Total	823					
Initial Inventory					500	475
Remaining Inventory					500	475

Constraints

Number Shipped (F5:H9)	int	Integer
Shipped (I5:I9)	>=	Demand (B5:B12)

The solver model window has been cleared to allow practice building this transportation model.
 Use the model and constraints above to build the solver and run it while watching the video.

ipped		
Wilmington	Shipped	Total Costs
	0	\$ -
	0	\$ -
	0	\$ -
	0	\$ -
	0	\$ -
	0	\$ -
	0	\$ -
325	1,300	
325	1,300	