Formulation of L. P. Problem

Objective Function:
Maximize: $20B+30C$

Constraints -- Subject To:
$$3B+2C \leq 16 \text{ Machine}$$
$$1B+3C \leq 12 \text{ Plate}$$
$$2B+2C \leq 6 \text{ Polish}$$

bearings	channels	resulting contribution
1.5	3.5	135

How Long Will The Project Take?
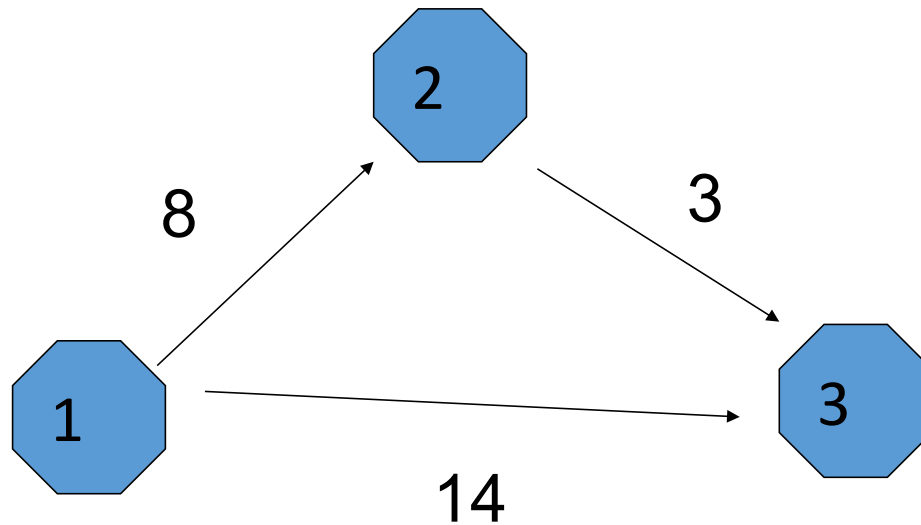
From\To	NYC	ATL	HOU	LA	TOTAL
RC	5.6	12	14.5	11	7250
SAL	11	6.5	4	5	10150
WEST		9	5.5		4350
TOTAL	8700	5800	2900	2175	19575\21750

FROM\TO	NY	ATL	HOU	LA	DUMMY	TOTAL
RC	5.6	12	14.5	11	0	7250
SAL	11	6.5	4	5	0	10150
WEST	100	9	5.5	100	0	4350
TOTAL	8700	5800	2900	2175	2175	21750