



IE 522 – Optimization Methods:

Duality - Gepbab

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Example: Gepbab

- Gepbab Corporation produces three products at two different plants. The cost of producing a unit at each plant is shown on the next slide. Each plant can produce a total of 10,000 units.
- At least 6,000 units of product 1, 8,000 units of product 2, and 5,000 units of product 3 must be produced.
- Formulate and solve both the primal LP and the dual LP. Comment on the symmetry between the two.

Example: Data

	Product		
Plant	1	2	3
1	5	6	8
2	8	7	10