

Anna Tabara has three major routes to take to work. She can take Market Street the entire way, she can take several back streets to work, or she can use the expressway. The traffic patterns are very complex, however. Under good conditions, Market Street is the fastest route. When Market is congested, one of the other routes is usually preferable. Over the past two months, Anna has tried each route several times under different conditions. This information is summarized in minutes of travel time to work in the following table:

	Travel Time (Minutes)		
	NO TRAFFIC CONGESTION	MILD TRAFFIC CONGESTION	SEVERE TRAFFIC CONGESTION
Market Street	15	30	50
Back roads	20	25	35
Expressway	30	30	30

Determine the best route Anna should take using the following decision criteria.

- a) Maximax
- b) Maximin
- c) Minimax regret
- d) Hurwicz ( $\alpha = 0.3$ )
- e) Equal likelihood