Example 1, Section 3.5

(Exercise 2, p. 75)

During each 4 hour period, the Smalltown police force requires the following number of on-duty police officers:

Midnight - 4AM:	8	Noon-4PM:	6
4AM-8AM:	7	4PM-8PM:	5
8AM-Noon:	6	8PM-Midnight:	4

Each officer works two consecutive four hour shifts. Formulate an LP problem that can be used to minize the number of officers needed to meet Smalltown's daily requirement.