

TABLE 3.2 Negations of Quantified Statements		
Statement	Negation	Example (A Quantified Statement and Its Negation)
All A are B .	Some A are not B .	All people take exams honestly. Negation: Some people do not take exams honestly.
Some A are B .	No A are B .	Some roads are open. Negation: No roads are open.

(The negations of the statements in the second column are the statements in the first column.)

Example 4: The board of supervisors told us, "All new tax dollars will be used to improve education." I later learned that the board of supervisors never tells the truth. What can I conclude? Express the conclusion in two equivalent ways.