

| TABLE 2.8 ■ Denying the Consequent: A Valid Argument II |   |   |
|---|---|---|
| General Form  | Example   | Specific Example  |
| If $P$ , then $Q$                                       | If our theory $T$ is correct, then we should observe some implication $I$ . | If our theory is correct, then we should observe that rich democracies live longer than poor democracies. |
| Not $Q$   | We do not observe implication $I$   | Rich democracies do not live longer than poor democracies.  |
| Therefore, not $P$                                      | Therefore, our theory $T$ is incorrect.                                     | Therefore, our theory is incorrect.   |