

## Exercises to 2.2 Square of opposition

**(1)** *If the truth value of a categorical sentence is as follows, what are the truth values of the other three types of sentences having the same subject and predicate?*

- 1) A universal affirmative sentence is true.
- 2) A universal affirmative sentence is false.
- 3) A universal negative sentence is true.
- 4) A universal negative sentence is false.
- 5) A particular affirmative sentence is true.
- 6) A particular affirmative sentence is false.

**(2)** *Assuming that the following sentences are true, what may we infer about the truth values of the other three types of sentences with the same subject and predicate?*

- 1) Some successful businesspersons are intelligent people.
- 2) No animals with horns are predators.
- 3) All uranium isotopes are highly unstable substances.
- 4) Some good writers are not entertaining lecturers.