Exercises

8. The Square of Opposition

A. Draw all possible inferences (based on the Square of Opposition) from the following propositions.

(1) All books published in the United States are in the Library of Congress.

(2) Some books published in China are not in the Library of Congress.

(3) Some books written in Armenian are in the Library of Congress.

(4) No books written by Socrates are in the Library of Congress.

(5) It is false that all horses are fun to ride.

(6) It is false that some horses are fun to ride.

(7) It is false that no horses are fun to ride.

(8) It is false that some horses are not fun to ride.