

Philosophy 57 — Quiz #4

(solutions posted 4/8/03)

Part 1 — Translation of English Statements into Categorical Statements

Instructions. Circle the best Categorical translation for each of the following English Statements.

1. Few capitalists are truly generous. a. All capitalists are people who are seldom generous. b. No capitalists are truly generous people. c. Some capitalists are truly generous people. <input checked="" type="checkbox"/> d. Some capitalists are truly generous people, and some capitalists are not truly generous people. e. Some capitalists are not truly generous people.	2. None but geniuses are attending. a. All geniuses are persons who are attending. b. All people who are not attending are people who are not geniuses. <input checked="" type="checkbox"/> c. All persons attending are geniuses. d. Some geniuses are persons who are attending. e. No geniuses are people who are not attending.
3. Pansies are flowers. a. Some pansies are not flowers. <input checked="" type="checkbox"/> b. All pansies are flowers. c. Some pansies are flowers. d. All things that are not pansies are things that are not flowers. e. All things identical to pansies are things identical to flowers.	4. All of the vehicles except the jeeps broke down. a. Some jeeps are vehicles that broke down and some jeeps are not vehicles that broke down. b. No jeeps are vehicles that broke down. <input checked="" type="checkbox"/> c. No jeeps are vehicles that broke down, and all vehicles that are not jeeps are vehicles that broke down. d. All vehicles that are not jeeps are vehicles that broke down. e. All vehicles that did not break down are jeeps.

Part 2 — Translation of English Syllogisms into Standard (Symbolic) Form

Instructions. Translate the following English Syllogisms into Standard (Symbolic) Form Categorical Syllogisms.

1. A few rodents make good pets, so a few hamsters make good pets because all hamsters are rodents.

Use the following letters in your translation: R = rodents, H = hamsters, G = good pets.

Major Premise: Some R are G
Minor Premise: All H are R
Conclusion: Some H are G

2. Whatever contains carbon monoxide is poisonous, and cigarette smoke contains carbon monoxide. Thus, cigarette smoke is poisonous.

Use the following letters in your translation: C = things containing carbon monoxide,
S = cigarette smoke particles, G = poisonous things.

Major Premise: All C are G
Minor Premise: All S are C
Conclusion: All S are G

3. People are unsuccessful unless they are literate, so Bertha is not successful, because she is illiterate.

Use the following letters in your translation: U = unsuccessful people, B = people identical to Bertha, I = illiterate people.

Major Premise: All I are U
Minor Premise: All B are I
Conclusion: All B are U