

PART A: Translate the following arguments.

- 1) If the victim had money in his pockets, then robbery wasn't the motive for the crime. But robbery or vengeance was the motive for the crime. The victim had money in his pockets. Therefore, vengeance must have been the motive for the crime.
- **2) If morality is entirely relative, torture is as virtuous as charity. But torture is not as virtuous as charity. Therefore, morality is not entirely relative.
- 3) Elephants have been known to bury their dead. But elephants bury their dead only if they have a concept of their own species and understand what death means. If elephants understand what death means, they have a substantial capacity for abstraction. Therefore, elephants have a substantial capacity for abstraction.
- **4) Paula can't graduate in psychology unless she takes either developmental psychology or experimental design. If she doesn't take a course in experimental design, Paula will take developmental psychology. So, if she does not graduate, she will take neither developmental psychology nor a course in experimental design.
- 5) Although Hernandez will pitch, the Giants will lose. If the Giants lose, the manager will get fired. So, their manager will get fired.
- 6) Only if I have a book on Socrates and a book on Aristotle can I do my paper. If I want to pass I must do my paper. I don't have a book on Aristotle. So I will not pass.
- 7) Either Hartley cheated on his logic exam, or he didn't cheat and he failed. If he failed, he will be depressed. If he cheated, he will be depressed only if he's ashamed of himself. Hartley isn't ashamed of himself, but he is depressed. Therefore, he failed and didn't cheat.
- **8) If professors are patient and students are optimistic, then students will do logic exercises. If students are optimistic and do logic exercises, the logic course will be worthwhile. Professors are certainly patient. So, the logic course is worthwhile.
- 9) Smith is guilty of burglary if he took the goods from Yakamoto's residence and she did not consent to their removal. Smith did take the goods, but Yakamoto consented. So Smith is guilty of burglary.

PART B: Answer the following question.

**1) A sign says, "Only adults may view this film." Does it follow with certainty that if you're an adult, you may view this film?

TRANSLATION PRACTICE HANDOUT ANSWERS TO ** PROBLEMS**PART A:**

$$2) M \rightarrow T \\ \frac{\sim T}{\sim M}$$

$$4) \sim G \vee (D \vee E) \\ \frac{\sim E \rightarrow D}{\sim G \rightarrow (\sim D \& \sim E)} \\ \text{OR } \sim G \rightarrow \sim (D \vee E)$$

$$8) (P \& O) \rightarrow D \\ (O \& D) \rightarrow W \\ \frac{P}{W}$$

PART B: 1) No, because there might be additional requirements. (The sentence simply means, If you may view the film, then you're an adult.)