

BLM 3.4

TRANSLATING STATEMENTS INTO SYMBOLS

Translate each of the following statements into symbolic form (using the letters indicated).

1. You must go to the tutorial or you will fail your math test. (T, F)

2. If there is a party after school today, then Martina will be there. (P, M)

3. You may have cake or ice cream but not both. (C, I)

4. If someone claims that he is purely rational, then he is contradicting himself or he is making a question-begging statement. (P, C, Q)

5. It is not true that if the streets are wet, then it is raining. (S, R)

6. If animals have rights then, if the rights of an animal are violated, then someone must be held accountable by law. (A, R, S)

7. I live in Canada if I live in Ontario. (C, O)

8. If he is either a philosopher or a mathematician, then he is either wise or esoteric. (P, M, W, E)

9. Free will is possible only if causality is not universal. (F, C)

