

Worksheet Exercise 4.2.A.
Symbolizing Complex Sentences

Name _____
Class _____ Date _____

Part A. Symbolize the following sentences in the blanks provided. Be sure to symbolize each individual idea used in these sentences with a corresponding predicate letter, and symbolize each negative word.

1. Some problems are difficult. _____
2. All students are logical. _____
3. Some problems cannot be solved. _____
4. No student is omniscient. _____
5. Some easy problems can be solved. _____
6. All difficult problems can be solved. _____
7. No problem is unsolvable. _____
8. Some answers are difficult mathematical proofs. _____
9. Some unsolvable problems are incomprehensible. _____
10. No short answers are adequate solutions. _____
11. Not every person is a professional logician. _____
12. No person is a professional logician. _____
13. If difficult problems exist then logicians exist. _____
14. If all problems are difficult, all solutions are long. _____
15. Either problems exist, or no logicians have jobs. _____
16. Ella is a logician, but all problems are unsolvable. _____