

**Worksheet Exercise 2.1.A.**

Name \_\_\_\_\_

## Symbolizing Basic Sentences

Class \_\_\_\_\_ Date \_\_\_\_\_

**Part A.** Symbolize the following sentences in the blanks provided. First, give a partial symbolization with capital letters and the original English operator expressions. Secondly, give a complete symbolization. Write the two results side by side for comparison.

	partial symb.	complete
1. If there is no noise, the parrot will bite.	if not N, B _____	$\sim N \supset B$ _____
2. Although there was noise, the parrot bit.	although N, B _____	N & B _____
3. The parrot won't bite, if there is noise.	_____	_____
4. The parrot will bite, or there will be noise.	_____	_____
5. It is false that the parrot will not bite.	_____	_____
6. Either there is noise, or there is no noise.	_____	_____
7. There was noise, but the parrot didn't bite.	_____	_____
8. The parrot didn't bite; yet, there was noise.	_____	_____
9. There was noise, and the parrot did bite.	_____	_____
10. There was no noise; the parrot did not bite.	_____	_____
11. The parrot does not bite, if there is no noise.	_____	_____
12. That the parrot didn't bite is definitely true.	_____	_____
13. That the parrot did bite is definitely false.	_____	_____
14. Not only was there noise, the parrot also bit.	_____	_____
15. The parrot did bite, even though it didn't.	_____	_____
16. It bites if and only if there is noise.	_____	_____
17. If the parrot didn't bite, there was no noise.	_____	_____
18. It doesn't bite if and only if there's no noise.	_____	_____
19. The choices are noise and a biting parrot.	_____	_____
20. Yay, though it noised, it bit thee not.	_____	_____