

Worksheet Exercise 4.1.B.

Name _____

Symbolizing Quantified Sentences

Class _____ Date _____

Part B. Symbolize the following sentences, using obvious letters for names and simple predicates. These are harder. Use the available **Exercise Work Sheet** to submit your work.

1. George and Sue like to dance, but neither Liz nor George like to sing.

2. None of George, Sue, Liz, and Bill know how to paint.

3. Simple, sober, silly Sally sits and Sophie sings.

4. Some things don't like to sing, including George, but some things do like to sing, although not George.

5. Some things are costly and trendy, and some things like that are useful as well.

6. George is such that he is definitely not a person who is generally very capable but specifically not able to sing.

7. Either something is good and something is bad, or nothing is good and nothing is bad.

8. If nothing is both alive and made of gold, then either something is not alive, or everything is not made of gold.

9. It is definitely false that nothing is both not alive and not made of gold. [Keep all the negatives.]

10. If everything has value, and everything is unique, then, if George is an atom, then unique atoms with value exist.
