

Worksheet Exercise 4.9.B.

Symbolizing Identities

Name _____

Class _____ Date _____

Part B. Symbolize the following arguments in the blanks provided. Use the indicated predicate letters, relation letters, and name letters.

L = likes to dance

D = Dutchman

F = _ is a friend of _

H = hairdresser

A = _ admires _

P = person

g = George

T = _ talks to _

E = exhausted

s = Sally

K = _ knows _ (active voice)

T = is in town

h = Harry

F = _ is faster than _

S = skater

n = Sally's neighbor

outskated = some skater is faster

1. George is a friend of Sally and also of Harry. Sally likes to dance, but Harry does not. So, George has at least two different friends.

_____ prem

_____ prem

_____ concl

2. Sally is a friend of all hairdressers but not of George, who is her neighbor. So, her neighbor is not a hairdresser.

_____ prem

_____ concl

3. Sally doesn't admire anything except herself. Sally sometimes talks to herself, but she has never talked to George. So, Sally does not admire George.

_____ prem

_____ prem

_____ concl

4. Only Sally is known by Harry, and only Harry is known by Sally. Some people are known by both Harry and by Sally. Sally is exhausted. So, Harry is exhausted.

_____ prem

_____ prem

_____ prem

_____ prem

_____ concl

5. Some people in town know Sally. At most one person knows Sally. So, no one outside of town knows Sally.

_____ prem

_____ prem

_____ concl

6. The fastest skater is a Dutchman. So, any skater who is not a Dutchman can be outskated.

_____ prem

_____ concl