F18 Exercise

Course in Semantics · Ling 531 / 731

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$$\text{Let a} = \begin{bmatrix} 1 & \rightarrow & \text{Tom} \\ 2 & \rightarrow & \text{Becky} \\ 3 & \rightarrow & \text{Sam} \\ 4 & \rightarrow & \text{Mark} \end{bmatrix} \qquad \text{Let b} = \begin{bmatrix} 1 & \rightarrow & \text{Yelena} \\ 2 & \rightarrow & \text{Dmitri} \\ 3 & \rightarrow & \text{Jamila} \\ 4 & \rightarrow & \text{Turgun} \end{bmatrix}$$

1. Assume assignments a, b. For each of the following, apply the proper assignment function.

1. a(1) = Tom READ: a of 1 equals Tom
2. a(3) = _____
3. b(2) = _____
4. b(4) = _____
5. a(5) = _____

2. Assume assignments a, b. Replace the underlined expression in each proposition with its value in the assignment function.

1. a(1) paddled a boat — Tom paddled a boat (bec. a(1) = Tom)
2. a(3) has two dogs — _____
3. I gave b(3) a hat — _____
4. a(2) is b(2)'s friend — _____
5. We can't see a(1) with b(9) — _____
6. b(4) likes b(2) but not b(1) — _____

3. Create an assignment function using five characters from a story (film, book, play, joke). Write a paragraph of fan fiction using only f(n) to indicate the protagonists.