Handshakes

Thomas Forster

February 27, 2010

- 1. Hilary and Jocelyn are married
- 2. Chris and Alex are married
- 3. If Hilary and Jocelyn are married they do not shake hands
- 4. If Chris and Alex are married they do not shake hands
- 5. The-person-who-shook-no-hands is either Jocelyn or Chris or Alex
- 6. The-person-who-shook-one-hand is either Jocelyn or Chris or Alex
- 7. The-person-who-shook-two-hands is either Jocelyn or Chris or Alex
- $8. \ \, {\it The-person-who-shook-no-hands} \ is \ married \ to \ the-person-who-shook-two-hands.$
- 9. The-person-who-shook-one-hand is married to Jocelyn.