

Homework Handout #7: Second-Order Logic

Translate each of the following sentences into **S**.

1. Jared has some properties, but he lacks some properties.
2. Mike and Nick share no attributes.
3. Some attributes are properties of nothing.
4. Everyone shares some property with Tudor.
5. Gillian shares some attributes with a famous scientist.
6. All philosophers and scientists have properties in common.
7. Reva has at least two different properties.
8. Ron has all of his father's properties.
9. Some relations are both reflexive and symmetric.
10. There is something which lacks all transitive relations.