

Answer of Question 2.8.a

Group 2/04

Sibling \equiv Individual $\sqcap \exists$ siblingOf.Individual
Brother \equiv Sibling \sqcap Male
Sister \equiv Sibling \sqcap Female
Uncle \equiv Male $\sqcap \exists$ siblingOf.Parent
Aunt \equiv Female $\sqcap \exists$ siblingOf.Parent
Grandparent \equiv Individual $\sqcap \exists$ parentOf.Parent
Grandfather \equiv Grandparent \sqcap Male
Grandmother \equiv Grandparent \sqcap Female
Grandchild \equiv *Grandparent*⁻
Grandson \equiv Grandchild \sqcap Male
Granddaughter \equiv Grandchild \sqcap Female