

Answer of Question 2.8.a

Group 2/04

Sibling \equiv Individual $\sqcap \exists \text{childIn.}(\text{Family} \sqcap >1 \text{ childIn.Family})$
Brother \equiv Sibling \sqcap Male
Sister \equiv Sibling \sqcap Female
Uncle \equiv Brother $\sqcap \exists \text{childIn.Sibling}$
Aunt \equiv Sister $\sqcap \exists \text{childIn.Sibling}$
Grandparent \equiv Individual $\sqcap \exists \text{parentOf.Parent}$
Grandfather \equiv Grandparent \sqcap Male
Grandmother \equiv Grandparent \sqcap Female
Grandchild \equiv *Grandparent*⁻
Grandson \equiv Grandchild \sqcap Male
Granddaughter \equiv Grandchild \sqcap Female