Logic formulas for Week 2 Exercises

Discussion Question 2

$$\exists f \forall x \, \exists y \, \forall z \, \big[z < x \; \Rightarrow \; f(z) \le f(x) + y \big].$$

Homework Question 2

$$\forall n \, \forall a \, \forall b \, \big[(n < a \wedge n < b) \; \Rightarrow \; n < ab \big].$$