

## l2\_ordinal4

(TMayqv23YnfU8hh7Q3LTnXkZ4DF5KXckiLm)

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Let  $v4\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k4\_ordinal1 : \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Let  $v3\_ordinal1 : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\begin{aligned} \forall X0.(X0 = k4\_ordinal1) \Leftrightarrow ((k1\_xboole\_0 \in X0) \wedge ((v4\_ordinal1 \\ X0) \wedge ((v3\_ordinal1 X0) \wedge (\forall X1.(v3\_ordinal1 X1) \Rightarrow (((k1\_xboole\_0 \in \\ X1) \wedge (v4\_ordinal1 X1)) \Rightarrow (r1\_tarski X0 X1)))))) \end{aligned} \quad (1)$$

**Theorem 1**  $v4\_ordinal1$   $k4\_ordinal1$ .