

l30\_simplex1 (TM-  
FvcGnUqhk4hbDD3iB4shQDYUB2XjMZPpE)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k5\_card\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_finseq\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (k5\_card\_1 (k2\_finseq\_1 X0) = X0) \quad (1)$$

Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (k5\_card\_1 (k2\_finseq\_1 X0) = k5\_card\_1 X0) \quad (2)$$

**Theorem 1**  $\forall X0.(v7\_ordinal1 X0) \Rightarrow (k5\_card\_1 X0 = X0)$ .