t52_card_1 (TM-daH4zdihSWKeJT49RVyiRHF4GfGnsN8Rv)

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Let $np\_\_4 : \iota$ be given. Let $k2\_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $np\_\_3 : \iota$ be given. Let $k2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k1\_ordinal1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{array}{c} \forall X0.\forall X1.\forall X2.\forall X3.k2\_enumset1\ X0\ X1 \\ X2\ X3 = k2\_xboole\_0\ (k1\_enumset1\ X0\ X1\ X2)\ (k1\_tarski\ X3) \end{array} \tag{1}$$

Assume the following.

$$np\_\_3 = k1\_enumset1\ k1\_xboole\_0\ np\_\_1\ np\_\_2 \tag{2}$$

Assume the following.

$$k1\_ordinal1\ np\_\_3 = np\_\_4 \tag{3}$$

Assume the following.

$$\forall X0.k1\_ordinal1\ X0 = k2\_xboole\_0\ X0\ (k1\_tarski\ X0) \tag{4}$$

Theorem 1 $np\_\_4 = k2\_enumset1\ k1\_xboole\_0\ np\_\_1\ np\_\_2\ np\_\_3$.