

t56_card_1 (TMKyTDd- CmnSvrNSu3RcQGcZh3xvQkdBJdgG)

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Let $np_8 : \iota$ be given. Let $k6_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ 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 $np_4 : \iota$ be given. Let $np_5 : \iota$ be given. Let $np_6 : \iota$ be given. Let $np_7 : \iota$ be given. Let $k5_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k1_ordinal1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$np_7 = k5_enumset1\ k1_xboole_0\ np_1\ np_2\ np_3\ np_4\ np_5\ np_6 \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0.\forall X1.\forall X2.\forall X3.\forall X4.\forall X5. \\ & \forall X6.\forall X7.k6_enumset1\ X0\ X1\ X2\ X3\ X4\ X5\ X6\ X7 = k2_xboole_0 \quad (2) \\ & (k5_enumset1\ X0\ X1\ X2\ X3\ X4\ X5\ X6)\ (k1_tarski\ X7) \end{aligned}$$

Assume the following.

$$k1_ordinal1\ np_7 = np_8 \quad (3)$$

Assume the following.

$$\forall X0.k1_ordinal1\ X0 = k2_xboole_0\ X0\ (k1_tarski\ X0) \quad (4)$$

Assume the following.

$$\forall X0.\forall X1.k2_xboole_0\ X0\ X1 = k2_xboole_0\ X1\ X0 \quad (5)$$

Theorem 1 $np_8 = k6_enumset1\ k1_xboole_0\ np_1\ np_2\ np_3\ np_4\ np_5\ np_6\ np_7$.