

t58_card_1 (TMFGcXnLCWJug- mvp5WxSvbJKS9RHeJcPRmZ)

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Let $np_10 : \iota$ be given. Let $k8_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ 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 $np_8 : \iota$ be given. Let $np_9 : \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k1_ordinal1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.\forall X1.\forall X2.\forall X3.\forall X4.\forall X5. \\ & \forall X6.\forall X7.\forall X8.\forall X9.k8_enumset1\ X0\ X1 \\ & X2\ X3\ X4\ X5\ X6\ X7\ X8\ X9 = k2_xboole_0\ (k7_enumset1\ X0\ X1\ X2\ X3\ X4\ X5\ X6\ X7 \\ & X8)\ (k1_tarski\ X9) \end{aligned} \tag{1}$$

Assume the following.

$$np_9 = k7_enumset1\ k1_xboole_0\ np_1\ np_2\ np_3\ np_4\ np_5\ np_6\ np_7\ np_8 \tag{2}$$

Assume the following.

$$k1_ordinal1\ np_9 = np_10 \tag{3}$$

Assume the following.

$$\forall X0.k1_ordinal1\ X0 = k2_xboole_0\ X0\ (k1_tarski\ X0) \tag{4}$$

Assume the following.

$$\forall X0.\forall X1.k2_xboole_0\ X0\ X1 = k2_xboole_0\ X1\ X0 \tag{5}$$

Theorem 1

$$np_10 = k8_enumset1\ k1_xboole_0\ np_1\ np_2\ np_3\ np_4\ np_5\ np_6\ np_7\ np_8\ np_9$$