

t27_abc Miz_a
(TMNcSMzyf5Snh2KVxfMdAaHvb65zjN3BzuP)

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Let $k23_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k8_abc Miz_a : \iota$ be given. Let $k6_abc Miz_1 : \iota$ be given. Let $k25_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k26_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k20_abc Miz_1 : \iota$ be given. Let $k24_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_abc Miz_1 : \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k22_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k21_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $m2_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_abc Miz_a : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k1_xtuple_0 (k4_tarski X0 X1) = X0) \wedge (k2_xtuple_0 (k4_tarski X0 X1) = X1) \quad (1)$$

Assume the following.

$$k6_numbers = k1_xboole_0 \quad (2)$$

Assume the following.

$$\forall X0. (m1_subset_1 X0 k20_abc Miz_1) \Rightarrow (k24_abc Miz_1 X0 = k2_xtuple_0 X0) \quad (3)$$

Assume the following.

$$\forall X0. (m1_subset_1 X0 k20_abc Miz_1) \Rightarrow (k23_abc Miz_1 X0 = k1_xtuple_0 X0) \quad (4)$$

Assume the following.

$$\forall X0. (m1_subset_1 X0 (k2_zfmisc_1 k4_abc Miz_1 k5_numbers)) \Rightarrow (k22_abc Miz_1 X0 = k2_xtuple_0 X0) \quad (5)$$

Assume the following.

$$\forall X0. (m1_subset_1 X0 (k2_zfmisc_1 k4_abc Miz_1 k5_numbers)) \Rightarrow (k21_abc Miz_1 X0 = k1_xtuple_0 X0) \quad (6)$$

Assume the following.

$$\forall X0.\forall X1.((\neg v1_xboole_0 X0)\wedge((\neg v1_xboole_0 X1)\wedge(m1_subset_1 X1 (k1_zfmisc_1 X0))))\Rightarrow(\forall X2.(m2_subset_1 X2 X0 X1)\Rightarrow(m1_subset_1 X2 X0)) \quad (7)$$

Assume the following.

$$m2_subset_1 k8_abcmiz_a k20_abcmiz_1 k5_abcmiz_a \quad (8)$$

Assume the following.

$$(\neg v1_xboole_0 k5_abcmiz_a)\wedge(m1_subset_1 k5_abcmiz_a (k1_zfmisc_1 k20_abcmiz_1)) \quad (9)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k20_abcmiz_1)\Rightarrow(m1_subset_1 (k24_abcmiz_1 X0) (k2_zfmisc_1 k4_abcmiz_1 k5_numbers)) \quad (10)$$

Assume the following.

$$k8_abcmiz_a = k4_tarSKI k6_abcmiz_1 (k4_tarSKI k1_xboole_0 k6_numbers) \quad (11)$$

Assume the following.

$$k6_abcmiz_1 = k6_numbers \quad (12)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k20_abcmiz_1)\Rightarrow(k26_abcmiz_1 X0 = k22_abcmiz_1 (k24_abcmiz_1 X0)) \quad (13)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k20_abcmiz_1)\Rightarrow(k25_abcmiz_1 X0 = k21_abcmiz_1 (k24_abcmiz_1 X0)) \quad (14)$$

Assume the following.

$$\forall X0.(v1_xboole_0 X0)\Rightarrow(\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 X0))\Rightarrow(v1_xboole_0 X1)) \quad (15)$$

Theorem 1

$$(k23_abcmiz_1 k8_abcmiz_a = k6_abcmiz_1)\wedge((k25_abcmiz_1 k8_abcmiz_a = k1_xboole_0)\wedge(k26_abcmiz_1 k8_abcmiz_a = k6_numbers))$$