

l111_card_3
(TMVM8Nexr6sh8CGR2RGLRL67aD1pBUfk7SZ)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v4_card_3 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 (k1_zfmisc_1 X1)) \Leftrightarrow (r1_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. (v4_card_3 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (v4_card_3 X1)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. ((r1_tarski X0 X1) \wedge (v4_card_3 X1)) \Rightarrow (v4_card_3 X0)$$