

t95\_card\_3

(TMaAGVj3J7soLcm8HWmwbAATcTD7EpReuYN)

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Let  $v4\_card\_3 : \iota \Rightarrow o$  be given. Let  $k6\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  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.

$$\forall X0. \forall X1. m1\_subset\_1 (k6\_subset\_1 X0 X1) (k1\_zfmisc\_1 X0) \quad (1)$$

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**

$$\forall X0. \forall X1. (v4\_card\_3 X0) \Rightarrow (v4\_card\_3 (k6\_subset\_1 X0 X1))$$