

t40_card_3 (TMHxYd- kYE2TGxWBp6FECDVcCy93JUXsRktG)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_card_3 : \iota \Rightarrow o$ be given. Let $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $k3_card_3 : \iota \Rightarrow \iota$ be given. Let $k6_card_3 : \iota \Rightarrow \iota$ be given. Let $k1_card_3 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (r1_ordinal1 (k1_card_1 (k3_card_3 X0)) (k6_card_3 (k1_card_3 X0))) \quad (1)$$

Assume the following.

$$\forall X0.((v1_relat_1 X0) \wedge ((v1_funct_1 X0) \wedge (v1_card_3 X0))) \Rightarrow (k1_card_3 X0 = X0) \quad (2)$$

Theorem 1

$$\forall X0.((v1_relat_1 X0) \wedge ((v1_funct_1 X0) \wedge (v1_card_3 X0))) \Rightarrow (r1_ordinal1 (k1_card_1 (k3_card_3 X0)) (k6_card_3 X0))$$