

l9_numbers (TMKB- Vpa8n2hsRYrDBqbeFkEmqHweg1awiYp)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k4_numbers : \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $k6_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. r1_tarski X0 (k2_xboole_0 X0 X1) \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (r1_tarski X0 X1) \Rightarrow ((X2 \in X0) \vee (r1_tarski X0 (k4_xboole_0 X1 (k1_tarski X2)))) \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. \neg k4_tarski X0 X1 \in k4_ordinal1 \tag{3}$$

Assume the following.

$$\forall X0. \forall X1. k6_subset_1 X0 X1 = k4_xboole_0 X0 X1 \tag{4}$$

Assume the following.

$$k5_numbers = k4_ordinal1 \tag{5}$$

Assume the following.

$$k4_numbers = k6_subset_1 (k2_xboole_0 k4_ordinal1 (k2_zfmisc_1 (k1_tarski k1_xboole_0) k4_ordinal1)) (k1_tarski (k4_tarski k1_xboole_0 k1_xboole_0)) \tag{6}$$

Theorem 1 $r1_tarski k5_numbers k4_numbers$.