

l9_xreal_0

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Let $k6_numbers : \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k2_arytm_2 : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$k6_numbers = k1_xboole_0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \neg (X0 \in k2_zfmisc_1 X1 X2) \wedge (\forall X3. \forall X4. k4_tarski X3 X4 \neq X0) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. \neg v1_xboole_0 (k4_tarski X0 X1) \quad (3)$$

Assume the following.

$$v1_xboole_0 k1_xboole_0 \quad (4)$$

Theorem 1 $\neg k6_numbers \in k2_zfmisc_1 (k1_tarski k6_numbers) k2_arytm_2$.