

l26_binop_2 (TMXnU-
VWsvKYbQ5ZH2Pd7Q9FGaoYXBAw4EsY)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k2_numbers : \iota$ be given. Let $k1_numbers : \iota$ be given. Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \quad (1)$$

Assume the following.

$$m1_subset_1 k6_numbers k1_numbers \quad (2)$$

Assume the following.

$$\forall X0. (v1_xcmplx_0 X0) \Leftrightarrow (X0 \in k2_numbers) \quad (3)$$

Assume the following.

$$\forall X0. (m1_subset_1 X0 k1_numbers) \Rightarrow (v1_xcmplx_0 X0) \quad (4)$$

Theorem 1 $m1_subset_1 k6_numbers k2_numbers$.