

# t26\_flang\_3 (TMLL- NDPV9K4QPSfJb73TqUCPfrPKj1o7dFq)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k8\_afinsq\_1 : \iota \Rightarrow \iota$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k2\_flang\_1 : \iota \Rightarrow \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_flang\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_flang\_3 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k8\_flang\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k6\_numbers : \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow ((r1\_tarski X1 (k6\_flang\_1 X0 X1 (k8\_flang\_1 X0 X2))) \wedge (r1\_tarski \\ & X1 (k6\_flang\_1 X0 (k8\_flang\_1 X0 X2) X1)))) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X2. (v7\_ordinal1 X2) \Rightarrow ((k1\_flang\_3 X0 X1 X2 = k8\_flang\_1 \\ & X0 X1) \Leftrightarrow ((k2\_flang\_1 X0 \in X1) \vee (X2 = k6\_numbers)))) \end{aligned} \tag{2}$$

## Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X3. (v7\_ordinal1 X3) \Rightarrow ((k2\_flang\_1 X0 \in X1) \Rightarrow ((r1\_tarski \\ & X2 (k6\_flang\_1 X0 X2 (k1\_flang\_3 X0 X1 X3))) \wedge (r1\_tarski X2 (k6\_flang\_1 \\ & X0 (k1\_flang\_3 X0 X1 X3) X2)))))) \end{aligned}$$