

l5\_int\_3

(TMZLN7XB9fHxEuJ6SyshFExExTnXjT5dSHc)

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Let  $k6\_numbers : \iota$  be given. Let  $k4\_numbers : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v1\_int\_1 : \iota \Rightarrow o$  be given. Assume the following.

$$m1\_subset\_1 \ k6\_numbers \ k4\_numbers \tag{1}$$

Assume the following.

$$\forall X0. (v1\_int\_1 \ X0) \Leftrightarrow (X0 \in k4\_numbers) \tag{2}$$

Assume the following.

$$\forall X0. (m1\_subset\_1 \ X0 \ k4\_numbers) \Rightarrow (v1\_int\_1 \ X0) \tag{3}$$

**Theorem 1**  $k6\_numbers \in k4\_numbers$ .