t10_numbers (TMJ4j1tPJCCrnmTirrB1SCqsmKrVPNu4uE5)

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Let $r2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $k2\_numbers : \iota$ be given. Let $k1\_numbers : \iota$ be given. Assume the following.

$$r2\_xboole\_0\ k5\_numbers\ k1\_numbers \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.((r2\_xboole\_0\ X0\ X1) \wedge (r2\_xboole\_0\ X1\ X2)) \Rightarrow (r2\_xboole\_0\ X0\ X2) \tag{2}$$

Assume the following.

$$r2\_xboole\_0\ k1\_numbers\ k2\_numbers \tag{3}$$

Theorem 1 *$r2\_xboole\_0\ k5\_numbers\ k2\_numbers$.*