

# t39\_euclid\_2 (TMbdPPmrrnDZbdVwCLSxgZ- DAymYKsmJbjUT)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k12\_euclid : \iota \Rightarrow \iota$  be given. Let  $k4\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k15\_euclid : \iota \Rightarrow \iota$  be given. Let  $k6\_numbers : \iota$  be given. Let  $k5\_euclid : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (k12\_euclid (k5\_euclid X0) = k6\_numbers) \quad (1)$$

Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (k4\_struct\_0 (k15\_euclid X0) = k5\_euclid X0) \quad (2)$$

## **Theorem 1**

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (k12\_euclid (k4\_struct\_0 (k15\_euclid X0)) = k6\_numbers)$$