

l76_jgraph_5
(TMX3P7ShmWxHYzuhJZ2HkekQaW7ehNyVTz3)

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Let $k17_euclid : \iota \Rightarrow \iota$ be given. Let $k19_euclid : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k18_euclid : \iota \Rightarrow \iota$ be given. Assume the following.

$$k18_euclid (k19_euclid np_1 k6_numbers) = k6_numbers \quad (1)$$

Assume the following.

$$k17_euclid (k19_euclid np_1 k6_numbers) = np_1 \quad (2)$$

Theorem 1

$$(k17_euclid (k19_euclid np_1 k6_numbers) = np_1) \wedge (k18_euclid (k19_euclid np_1 k6_numbers) = k6_numbers)$$