

(B) The Pame Game (1/1)

Northern Pame:

- **base:** $\text{tenhiun} = 8$;
- **order:** multiplier_base_addend, i.e. the numbers have the following form:
 $\alpha \text{ tenhiun } \beta = 8 * \alpha + \beta$, where $1 \leq \alpha, \beta \leq 7$;
- numbers between 1 and 3 have two different names which are used as multipliers and addends, respectively.

	1	2	3	4	5	6	7
α	kara	kanuje	karnu?	giriuj			
β	sante	nuji	rnu?	giriuj	gitj'aj	tiria	teriuhiŋ

Central Pame:

Since the two languages are cognate, it can be expected that at least some words with identical meanings are going to turn out to be more or less similar.

- **base:** 20, subbase 10 (**seska?ai**);
- **order:** multiplier_base_addend, i.e. the numbers have the following form:
 $\text{seska?ai } \beta = 10 + \beta$, $\beta \geq 1$;
- $\alpha \text{ lien } \beta = \alpha * 20 + \beta$, $\alpha \geq 1, \beta \geq 1$.

1	nda	5	kik'ai	9	nda ntsaw? nda
2	nui	6	tilija	10	seska?ai
3	ranhũ?	7	tiliŋũhũŋ	20	nda lien
4	kijui	8	nda ntsaw?	$\beta * 20$	$\beta \text{ lien}$

Answers:

B1.

a.

nuji = 2

karnu? tenhiun teriuhiŋ = $3 * 8 + 7 = 31$

b.

1 = nda

3 = ranhũ?

9 = nda ntsaw? nda

56 = nui lien seska?ai tilija

60 = ranhũ? lien

