

## (B) The Pame Game (1/1)

### Northern Pame:

- **base:**  $\text{tenhiu}\eta = 8$ ;
- **order:** multiplier\_base\_addend, i.e. the numbers have the following form:  
 $\alpha \text{ tenhiu}\eta = 8 * \alpha + \beta$ , 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
$\alpha$	kara	kanuje	karnu?	giriuj			
$\beta$	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:  
 $\text{seska?ai} = 10 + \beta$ ,  $\beta \geq 1$ ;
- $\alpha$  **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?	$\beta * 20$	$\beta$ lien

### Answers:

#### B1.

a.

$$\text{nuji} = 2$$

$$\text{karnu? tenhiu}\eta \text{ teriuhiŋ} = 3 * 8 + 7 = 31$$

b.

$$1 = \text{nda}$$

$$3 = \text{ranhũ?}$$

$$9 = \text{nda ntsaw? nda}$$

$$56 = \text{nui lien seska?ai tilija}$$

$$60 = \text{ranhũ? lien}$$

