

**Problem #3 (20 points).** Given are phrases in the Vai language as well as their English translations:

kàíě á lèndéě	the man's vessel
kòánjà-lèŋě fă	the baby-eagle's father
gbòmùě á nyìmìiě	the fish's snake
kàíě kàfâ	the man's shoulder
nyìmìi jāŋě á gbòmù-lèndéě	the long snake's boat
mùsú jāŋě lòò-kàì	the tall woman's brother
nyìmìi kúndúě já	the short snake's eye
kòánjà lòòě kènji	the small eagle's claw
kándò jāŋě	the high sky

(a) Translate into English:

mùsúě á gbòmùě;    léŋ kúndúě á nyìmìiě;    gbòmù-lèndé kúndúě.

(b) There is an error in the Vai phrase **kándò-lèndé lòòě**. Correct it and translate the phrase into English.

(c) Translate into Vai:

the eagle's snake;    the small child's eye;  
the tall man's sister;    the small baby-snake.

⚠ Vai belongs to the Central group of the Mande language family. It is spoken by approx. 105 000 people in Liberia and Sierra Leone.

ny and ŋ are consonants; e and o are vowels. The marks “ ‘ ”, “ ‘ ” and “ ‘ ” denote tones.

—Olga Kuznetsova

**Problem #4 (20 points).** Given are words in Nahuatl as well as their English translations in arbitrary order:

*acalhuah, achilli, atl, callah, calhuah, chilatl, chili, colli, coltzintli, coneahuah, coneahuahcapil, conetl, oquichconetl, oquichhuah, oquichtotoltzintli, tehuah, tetlah, totoltetl*

water, child, master of house, water pepper, revered turkey-cock, mother, village, chili water, grandfather/ancestor, stony ground, boy, possessor of stones (= person who lives in a stony place), chili, turkey egg, canoe owner, mom(my), wife, revered grandfather/ancestor

(a) Determine the correct correspondences.

(b) Translate into Nahuatl: house, stone, possessor of water, revered man/husband.

(c) Translate into English: *cacahuatl, cacahuatetl, cacahuaatl, cacahuahuah*.

⚠ Classical Nahuatl was the language of the Aztec Empire in Mexico.

c = qu = k, ch = ch in church, hu = w in win, tl and tz are consonants.

Water pepper (*Polygonum hydropiper*) is a wild plant. Chili water is a Aztec drink containing chili pepper.

—Liudmila Fedorova