

Problem 4. Here are some arithmetic equalities in Kuteb:

1. $it\bar{a} + ifaen = its\acute{o}\eta$
2. $rijw\bar{e}r^2 = mae-its\acute{o}\eta$
3. $its\acute{o}\eta \times ifaen = rijw\bar{e}r$
4. $it\bar{a} \times k\acute{i}nz\bar{o} = it\bar{a}$
5. $it\bar{a}^{it\bar{a}} = rijw\bar{e}r-s\bar{u}-faen + rijw\bar{e}r-s\bar{u}-ts\acute{o}\eta$
6. $inje + ifaen + k\acute{i}nz\bar{o} + it\bar{a} = rijw\bar{e}r$
7. $k\acute{i}nz\bar{o} + k\acute{i}nz\bar{o} = ifaen$
8. $inje^{it\bar{a}} = mae-it\bar{a}-mb\acute{e}-inje$
9. $rijw\bar{e}r \times inje = mae-ifaen$
10. $mae-it\bar{a} + rijw\bar{e}r + its\acute{o}\eta + k\acute{i}nz\bar{o} = mae-it\bar{a}-mb\acute{e}-rijw\bar{e}r-s\bar{u}-ts\acute{o}\eta-nz\bar{o}$
11. $rijw\bar{e}r-s\bar{u}-faen^2 + its\acute{o}\eta^2 = rijw\bar{e}r-s\bar{u}-t\bar{a}^2$
12. $mae-ifaen-mb\acute{e}-ifaen + mae-ifaen-mb\acute{e}-rijw\bar{e}r-s\bar{u}-ts\acute{o}\eta-nz\bar{o} = mae-inje-mb\acute{e}-rijw\bar{e}r-s\bar{u}-ts\acute{o}\eta-t\bar{a}$

All numbers in this problem are greater than 0 and less than 200.

- (a) Write the equalities in numerals.
- (b) Write the numbers **inje** and **mae-ifaen-mb\acute{e}-rijw\bar{e}r-s\bar{u}-ts\acute{o}\eta-t\bar{a}** in numerals.
- (c) Write out in Kuteb: 5, 19, 97.

\triangle Kuteb belongs to the Benue-Congo branch of the Niger-Congo family. It is spoken by approx. 46,000 people in southeast Nigeria.

\eta is a consonant. The marks $\acute{}$ and $\bar{}$ indicate high and mid tone respectively (low tone is unmarked).