

Problem 4. S = subject, O = object

- | | |
|--------------|--|
| ni- : | 2nd person $\notin \{S, O\}$
\wedge 1st person $\in \{S, O\}$ |
| ki- : | 2nd person $\in \{S, O\}$ |

+ root +

S	O	
1 2	3	-ā(w)
1	2	-it-in
2	1	-in
3	1 2	-ik(o w)

+

1st person pl $\in \{S, O\}$:	-(n)ān
2nd person pl $\in \{S, O\}$ \wedge 1st person pl $\notin \{S, O\}$:	-(ā)wāw

+

3rd person pl $\in \{S, O\}$:	-(w)ak
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- | | | | | | | | | | | | | | | | | | |
|--|----------|--|-----|--------|---|--|-----|----------|--|---|--------|----------------------------------|------|----------------------------------|----------|------|--|
| <ul style="list-style-type: none"> <table> <tr> <td>ē-</td> <td>as ...</td> </tr> <tr> <td>∅-</td> <td>if ...</td> </tr> </table> | ē- | as ... | ∅- | if ... | $\left. \vphantom{\begin{matrix} \text{as ...} \\ \text{if ...} \end{matrix}} \right\} + \text{root} +$ | <table border="1"> <tr> <td>S</td> <td>O</td> <td></td> </tr> </table> | S | O | | + <table border="1"> <tr> <td>{S, O}</td> </tr> <tr> <td>{2nd person pl, 3rd person sg} :</td> <td>-yēk</td> </tr> <tr> <td>{1st person pl, 3rd person pl} :</td> <td>-yāhkwāw</td> </tr> <tr> <td colspan="2">etc.</td> </tr> </table> | {S, O} | {2nd person pl, 3rd person sg} : | -yēk | {1st person pl, 3rd person pl} : | -yāhkwāw | etc. | |
| | ē- | as ... | | | | | | | | | | | | | | | |
| ∅- | if ... | | | | | | | | | | | | | | | | |
| S | O | | | | | | | | | | | | | | | | |
| {S, O} | | | | | | | | | | | | | | | | | |
| {2nd person pl, 3rd person sg} : | -yēk | | | | | | | | | | | | | | | | |
| {1st person pl, 3rd person pl} : | -yāhkwāw | | | | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <tr> <td>1 2</td> <td>3</td> <td>-ā(w)</td> </tr> <tr> <td>3</td> <td>1 2</td> <td>-ik(o w)</td> </tr> </table> | 1 2 | 3 | -ā(w) | 3 | 1 2 | -ik(o w) | | | | | | | | | |
| 1 2 | 3 | -ā(w) | | | | | | | | | | | | | | | |
| 3 | 1 2 | -ik(o w) | | | | | | | | | | | | | | | |

- (a) 26. ē-wāpamikoyēk — *as he sees you_{pl}*
 27. ninakinikonān — *he stops us*
 28. kikakwēcimāwāw — *you_{pl} ask him*
 29. kiwīcīhitināwāw — *I help you_{pl}*
- (b) 30. *if we ask them* — kakwēcimāyāhkāwī
 31. *they challenge you_{pl}* — kimawinēskomikowāwak
 32. *they help me* — niwīcīhikwak
 33. *you_{sg} see them* — kiwāpamāwak
 34. *I stop you_{pl}* — kinakinitināwāw

Problem 5.

- $$\left[\begin{array}{c} 400 : \text{kampwoo} \\ \alpha_1 \times 400 : \text{kampwōhii} \end{array} \alpha_1 \right] + \left[\begin{array}{c} 80 : \text{ḡkuu} \\ \alpha_2 \times 80 : \text{ḡkwuu} \end{array} \alpha_2 \right] + \left[\begin{array}{c} 20 : \text{beṇjaaga} \\ \alpha_3 \times 20 : \text{be-}\alpha_3 \end{array} \right] +$$

$$[10 : \text{ke}] + [5] + [\beta], 2 \leq \alpha_{1,2,3} \leq 4, 1 \leq \beta \leq 4$$
- +: na
- | | | | |
|----|----------|--|-----------------------------------|
| 1: | nīḡkin | | -nīḡkin \rightarrow -ni |
| 2: | shuunni | | |
| 3: | taanre | | |
| 4: | sicyēere | | -sicyēere \rightarrow -ricyēere |
| 5: | kaṇkuro | | kaṇkuro na \rightarrow baa- |

- (a) kampwōhii shuunni na ke 810
 ḡkuu na baataanre 88
- (b) 15 ke na kaṇkuro
 109 ḡkuu na beṇjaaga na baaricyēere
 152 ḡkuu na beetaanre na ke na shuunni
 403 kampwoo na taanre
 1534 kampwōhii taanre na ḡkwuu sicyēere na ke na sicyēere