

Problem 4. S = subject, O = object

		S	O																
•	<table border="1"> <tr> <td>ni-: 2nd person $\notin \{S, O\}$</td> </tr> <tr> <td>\wedge 1st person $\in \{S, O\}$</td> </tr> </table>	ni- : 2nd person $\notin \{S, O\}$	\wedge 1st person $\in \{S, O\}$	+ root +	<table border="1"> <tr> <td>1 2</td> <td>3</td> <td>-ā(w)</td> </tr> <tr> <td>1</td> <td>2</td> <td>-it-in</td> </tr> <tr> <td>2</td> <td>1</td> <td>-in</td> </tr> <tr> <td>3</td> <td>1 2</td> <td>-ik(o w)</td> </tr> </table>	1 2	3	-ā(w)	1	2	-it-in	2	1	-in	3	1 2	-ik(o w)	+	
ni- : 2nd person $\notin \{S, O\}$																			
\wedge 1st person $\in \{S, O\}$																			
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 $\in \{S, O\}$: -(ā)wāw			+ 3rd person pl $\in \{S, O\}$: -(w)ak															
	\wedge 1st person pl $\notin \{S, O\}$																		
•	<table border="1"> <tr> <td>ē- as ...</td> </tr> <tr> <td>\emptyset- if ...</td> </tr> </table>	ē- as ...	\emptyset - if ...	+ root +	<table border="1"> <tr> <td>S</td> <td>O</td> <td></td> </tr> <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>	S	O		1 2	3	-ā(w)	3	1 2	-ik(o w)	<table border="1"> <tr> <td>{S, O}</td> </tr> <tr> <td>{2nd person pl, 3rd person sg} : -yēk</td> </tr> <tr> <td>{1st person pl, 3rd person pl} : -yāhkwaW</td> </tr> <tr> <td>etc.</td> </tr> </table>	{S, O}	{2nd person pl, 3rd person sg} : -yēk	{1st person pl, 3rd person pl} : -yāhkwaW	etc.
ē- as ...																			
\emptyset - if ...																			
S	O																		
1 2	3	-ā(w)																	
3	1 2	-ik(o w)																	
{S, O}																			
{2nd person pl, 3rd person sg} : -yēk																			
{1st person pl, 3rd person pl} : -yāhkwaW																			
etc.																			

- (a) 26. ē-wāpamikoyēk — as he sees you_{pl}
- 27. ninakinikonān — he stops us
- 28. kikakwēcimāwāw — you_{pl} ask him
- 29. kiwīcihitināwāw — I help you_{pl}

- (b) 30. if we ask them — kakwēcimāyāhkwaW
- 31. they challenge you_{pl} — kimawinēskomikowāwak
- 32. they help me — niwīcihikwak
- 33. you_{sg} see them — kiwāpamāwak
- 34. I stop you_{pl} — kinakinitināwāw

Problem 5.

•	$\left[\begin{array}{l} 400 : \text{kampwoo} \\ \alpha_1 \times 400 : \text{kampw̑hii } \alpha_1 \end{array} \right] + \left[\begin{array}{l} 80 : \text{ŋkuu} \\ \alpha_2 \times 80 : \text{ŋkwuu } \alpha_2 \end{array} \right] + \left[\begin{array}{l} 20 : \text{beŋjaaga} \\ \alpha_3 \times 20 : \text{be-} \alpha_3 \end{array} \right] +$ $[10 : \text{kε}] + [5] + [\beta], 2 \leq \alpha_{1,2,3} \leq 4, 1 \leq \beta \leq 4$										
•	+: na										
•	<table border="0"> <tr> <td>1: niŋkin</td> <td> -niŋkin → -ni</td> </tr> <tr> <td>2: shuunni</td> <td></td> </tr> <tr> <td>3: taanre</td> <td></td> </tr> <tr> <td>4: sicyeere</td> <td>-sicyeere → -ricyeere</td> </tr> <tr> <td>5: kaŋkuro</td> <td>kaŋkuro na → baa-</td> </tr> </table>	1: niŋkin	-niŋkin → -ni	2: shuunni		3: taanre		4: sicyeere	-sicyeere → -ricyeere	5: kaŋkuro	kaŋkuro na → baa-
1: niŋkin	-niŋkin → -ni										
2: shuunni											
3: taanre											
4: sicyeere	-sicyeere → -ricyeere										
5: kaŋkuro	kaŋkuro na → baa-										

- (a) kampw̑hii shuunni na kε 810
ŋkuu na baataanre 88

- (b) 15 kε na kaŋkuro
109 ŋkuu na beŋjaaga na baaricyeere
152 ŋkuu na beetaanre na kε na shuunni
403 kampwoo na taanre
1534 kampw̑hii taanre na ŋkwuu sicyeere na kε na sicyeere