

Problem 5. Rules:

- Word order: VXY, XVY ($\{X, Y\} = \{S, O\}$; V = verb, S = subject, O = object)

- Noun: ri (pl: taq) N

- Verb: x-

	O	S
sg	—	ru
pl	e	ki

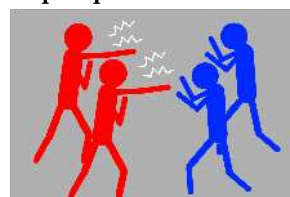
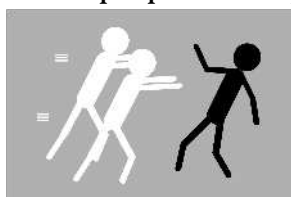
-stem; before a vowel ru- > r-, ki- > k-

- | | | | | |
|---------------------------|--------|----|----------------------------|-------|
| | | | Auditory Cortex (activity) | |
| | | | higher | lower |
| | | | VXY | XVY |
| Frontal Cortex (activity) | higher | VS | VSO | OVS |
| | lower | VO | VOS | SVO |

Answers:

- (a)
1. Xerunim ri taq saq ri xar
 2. Ri taq [q'eq]_A xkich'ay [ri]_B kaq
 3. [Xeroyo]_C ri q'eq ri taq kaq
 4. Ri q'eq xkoyo [ri taq xar]_D
 5. [Xkinim ri taq kaq]_E ri saq
 6. Xkich'ay [ri xar ri taq saq]_F
 7. [Ri taq xar]_G xeroyo [ri kaq]_H
 8. [Ri saq xeruch'ay ri taq q'eq]_I

- (b) 9. Ri taq saq xkinim ri q'eq 10. Xekich'ay ri taq xar ri taq kaq



- (c)
- Xroyoj ri saq ri xar
 - Xroyoj ri xar ri saq
 - Ri xar xroyoj ri saq
 - Ri saq xroyoj ri xar

- (d)

		Frontal Cortex (activity)	Auditory Cortex (activity)
11	Xeruq'etey ri kaq ri taq q'eq	higher	higher
12	Xerachik'aj ri taq saq ri xar	lower	higher
13	Ri taq q'eq xekitz'et ri taq saq	?	lower