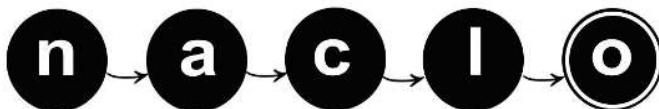


# (L) Whistle While You Work (1/2) [15 Points]

Kickapoo is an Algonquian language spoken by approximately 1,000 people in Oklahoma, USA and Coahuila, Mexico. Kickapoo whistle speech is a substitute for spoken Kickapoo using whistles. It was once used for communication between teenagers in Coahuila. Below are some numbers and other words, given both in spoken and whistled Kickapoo. The English meaning is also given for interest, but is not relevant to the solution of the problem.

*Notes:* In spoken Kickapoo, the mark ' over a vowel (e.g. é) indicates an accented syllable; θ = th as in *bath*; two adjacent vowels are part of the same syllable. In whistled Kickapoo, o represents a mora (a “beat” or unit of time) of a whistled note; the marks ' and ` on a mora (e.g. ó and ò) indicate high and low pitch, respectively; q indicates a silence between notes; h indicates a transition between notes that can be an incomplete silence, a volume change, use of friction, or a pitch glide.

<u>Spoken</u>	<u>Whistled</u>	<u>English</u>	<u>Spoken</u>	<u>Whistled</u>	<u>English</u>
nékoti	óqòqóò	one	nenohtáweewa	óhòqóhòhòhóò	he heard him
níiswi	óòhóò	two	áikaaθoníani	óòqòòhóhòhóò	he is pictured
néθwihi	óhòhóò	three	nesíanaateθikwéeni	(e)	he must be awful
níewi	óòhóò	four	oθáaskwaanéhkweya	òhòòqóóhóqòhóò	his shoes
níananwi	óóhòhóò	five	nemiináaki	óhóóhòòqóò	I gave it to them
nekotwáasika	óqóqóóhòqóò	six	asikáθoona	òhóqóhòhóò	sock
nóohika	óóhòqóò	seven	kemoopíimwaaki	(f)	in your car
neswáasika	òhóóhòqóò	eight	pakáanani	(g)	pecans
sáaka	óòqóò	nine	oθeθeehwáahi	(h)	their older brothers
metááθwi	(a)	ten	nesáeθípena	òhòòhóqòhóò	we are hungry
niiswaapítaki	(b)	twenty	nemeskoθípena	(i)	we are red
máhkwha	(c)	a bear	nenakamópena	(j)	we sang
níihtiiθe	óóqòòhóò	my friend	nenemaθópena	óhóhòhóqòhóò	we stood
piitíkeeno	(d)	enter!	kekooohkoosemwáaki	(k)	your pigs
			eehkatáinaahkwéeki	òòqóqóòhòòqóòqóò	when it was almost noon



## (L) Whistle While You Work (2/2)

L1. Fill in the gaps (a) - (k) from the table on the previous page:

(a)		(b)		(c)	
(d)		(e)		(f)	
(g)		(h)		(i)	
(j)		(k)			

L2. Some linguists believe that the old word for seven in Kickapoo was \*niiswáasika (the \* indicates that this is a theorized word, rather than one directly observed). What would this have been in whistled speech?

L3. Explain how the whistled form of a Kickapoo word is formed. You do not need to justify your explanation (that is, you don't need to say why you think your explanation is correct).

