Underlying Representations II

1   More practice

Dataset 92 (Sierra Popoluca):

Note: [ɲ] is a voiced palatal nasal.

ROOTS			PAST, COMPLETED ACTION		
a.	/pet/	'sweep'	e.	[miɲɲeʔ]	'he came'
b.	/miɲ/	'come'	f.	[hoksneʔ]	'he hoed'
c.	/nʌk/	'go'	g.	[petpetneʔ]	'he kept sweeping over and over'
d.	/hoks/	'hoe'	h.	[nʌknʌkneʔ]	'he kept going over and over'
			i.	[hokshoksneʔ]	'he kept hoeing over and over'

PAST, INCOMPLETE ACTION

j.	[pedoʔj]	'he swept here and there'
k.	[hoksoʔj]	'he hoed here and there'
l.	[petpedoʔj]	'he kept sweeping here and there, over and over'
m.	[hokshoksoʔj]	'he kept hoeing here and there, over and over'

1. List the ALLOMORPHS (not morpheme!) that correspond to the following meanings.

   'PAST': Ø

   'INCOMPLETE ACTION': Ø

   'COMPLETED ACTION': -neʔ

   'here and there': -oʔj

2. What is the rule that corresponds to the 'keep X-ing over and over' morpheme?

   Full reduplication of root

3. Other phonological rules are necessary to account for the allomorphy in the data. State the rule(s) in **formal notation**. Make sure you look at the entire provided data, not just the allomorphs from Q1.

   1. /n/ → [ɲ] / [ɲ] ___
      ↘ [n] elsewhere   (look carefully at datapoint (e)!)

   2. /t/ → [d] / ___ V
      ↘ [t] elsewhere