

Name:

Student Number:

**ASSIGNMENT #5***Due on August 4<sup>th</sup> at the beginning of class***KASEM:**

Consider the following forms from Kasem (a Niger-Kongo language spoken in Ghana and Upper Volta).

<i>Singular</i>	<i>Plural</i>	
bakada	bakadi	<i>boy</i>
mimina	mimini	<i>thin</i>
fala	fali	<i>white man</i>
kukuda	kukudi	<i>dog</i>
fana	fani	<i>knife</i>
tʃana	tʃani	<i>shoulder</i>
kambia	kambi	<i>cooking pot</i>
pia	pi	<i>yam</i>
buga	bwi	<i>river</i>
diga	di	<i>room</i>
laŋa	læ	<i>song</i>
naga	næ	<i>leg</i>

1. What are the singular and the plural form markers in this language?  
(2 points)
2. Identify the phonological processes.  
(8 points)
3. Formulate rules that will derive the phonetic forms from the underlying representations.  
(5 points)
4. Are any of the rules ordered?  
(4 points)
5. Give derivations for *kukudi*, *di*, and *bwi*.  
(6 points)

**BONUS:**  
(6 points)

Analyze the additional Kasem forms below.  
Identify the phonological process(es) and write maximally general rules.  
Give the derivations for *pæ* and *babæ*.

pia	pæ	<i>sheep</i>
babia	babæ	<i>brave</i>