Name: Claude Shunge

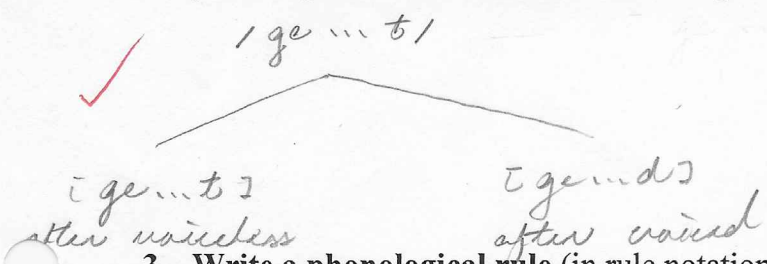## Quiz 3

9.5/10

1. Indicate the morpheme boundaries by drawing a vertical line at each one:

wer|ken	'work (infinitive)'	winkel|en	'go shopping (infinitive)
ge|werk|t	'work (past participle)'	ge|winkel|d	'go shopping (past participle)'
luister|en	'listen (infinitive)'	regen|en	'rain (infinitive)'
ge|luister|en ~~d~~	'listen (past participle)'	ge|regen|d	'rain (past participle)'
poets|en	'brush (infinitive)'	zag|en	'saw (infinitive)'
ge|poets|t	'brush (past participle)'	ge|zag|d	'saw (past participle)'

✓

2. Identify one morpheme that has more than one allomorph in the data in #1. Say what phonological environment each allomorph of that morpheme occurs in.

✓

/ ge ... t /

[ge...t]   [gend]
after voiceless   after voiced

3. Write a phonological rule (in rule notation) to account for an alternation that you observed in the data in #1.

(red ink): this doesn't work for [geregend], for example.
Should be [−syllabic]?

Alveolar stops agree with the preceding obstruent in voicing

(red:) ✗

$$\begin{bmatrix} -\text{cont.} \\ -\text{del. rel.} \\ -\text{dis.} \end{bmatrix} \longrightarrow [\alpha\text{ voice}] / \begin{bmatrix} -\text{sonorant} \\ \alpha\text{ voice} \end{bmatrix} \_\_\_\_$$

(red circle around −sonorant)

−0.5

4. Fill in the derivation for this imaginary language. The **shaded cells** each require you to write something. If nothing changes in a cell, write "—".

✓

	to see / zilo /	see me / zilo /	to call / darka /	call me / darka /	
	—	mizilo	—	midarka	**Lexical entries of roots** **Morphology:** *"me" formation:* $X \rightarrow \text{mi}X$ if X is $\begin{bmatrix} \text{Verb} \\ +1\text{stPersonSingularObject} \end{bmatrix}$
	d	—	ⓓ —	—	**Phonology:** *Initial stopping:* $\begin{bmatrix} +\text{voice} \\ -\text{sonorant} \end{bmatrix} \rightarrow \begin{bmatrix} -\text{continuant} \\ -\text{delayed release} \end{bmatrix} / \#\_\_$
	[dilo]	[mizilo]	[darka]	[midarka]	**Surface forms**

(red ink at bottom): Oh, I see

You mean vacuous application.
fine.