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Quiz 3

95/10

a = affix
r = root

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

werken	'work (infinitive)'	winkelen	'go shopping (infinitive)'
gewerkt	'work (past participle)'	gewinkeld	'go shopping (past participle)'
luisteren	'listen (infinitive)'	regenen	'rain (infinitive)'
geluisterd	'listen (past participle)'	geregend	'rain (past participle)'
poetsen	'brush (infinitive)'	zagen	'saw (infinitive)'
gepoetst	'brush (past participle)'	gezagd	'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.

/werk/
[werken] [gewerkt]

werk
to work -en -wen

/d/
[t] (d)
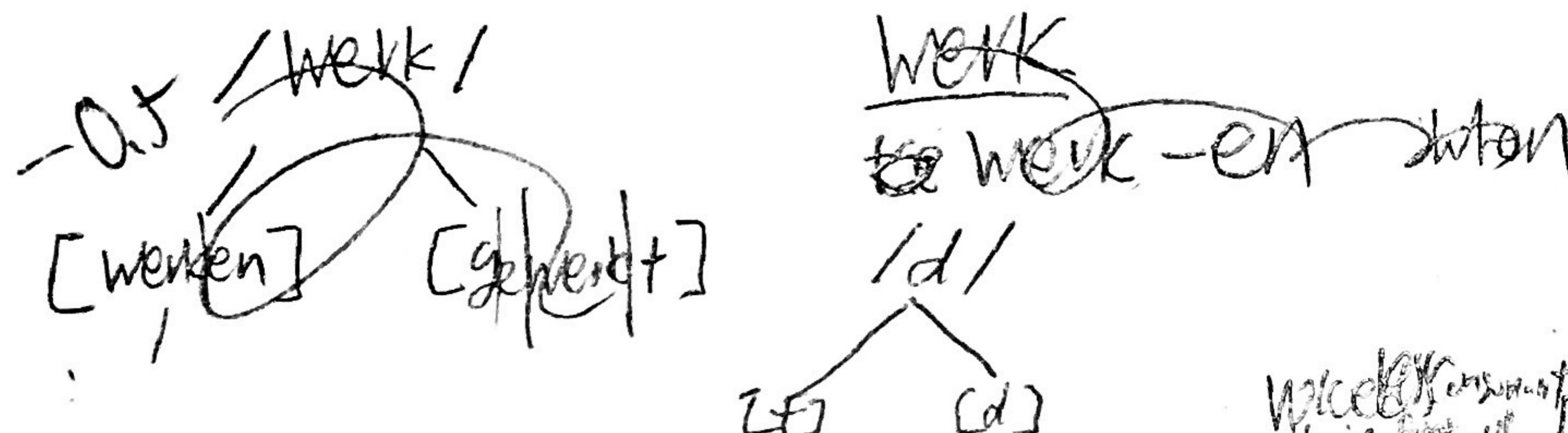
/t/ on gepoetst gezagd
[t] [d] voiced consonant is in front of word
voiced consonant when in front of it, [-voice] when [+consonantal +voice]

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

final voicing rule

This is an interesting answer!

[+] / [tid] → [... +consonantal, -delayed release, -sonorant, -distributed] → [+voice] / [+consonantal +voice] ___]word

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 → miX if X is [Verb +1stPersonSingularObject]
d		—	—	**Phonology:** Initial stopping: [+voice -sonorant] → [-continuant -delayed release] / #__
[dilo]	[mizilo]	[darka]	[midarka]	**Surface forms**