

1 Populuca

Examine the following data from Populuca, a language spoken in Mexico, and answer the questions that follow

1	ʔiŋkuʔtpa	‘you eat it’
2	ʔanhokspa	‘I hoe it’
3	ʔikuʔt	‘he ate it’
4	ʔimo:ja	‘his flower’
5	mo:ja	‘flower’
6	ʔampetpa	‘I sweep it’
7	ʔimpet	‘you swept it’
8	ʔantək	‘my house’
9	ʔinhokspa	‘you hoe it’
10	no:mi	‘boss’
11	ʔano:mi	‘my boss’
12	ʔika:ma	‘his cornfield’
13	ʔiŋka:ma	‘your cornfield’
14	ʔamo:ja	‘my flower’
15	ʔino:mi	‘your bow’

1. List all of the Populuca allomorphs corresponding to the following translations

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|-----------------|---------------------|
| (a) ‘cornfield’ | (g) (past tense) |
| (b) ‘flower’ | (h) (present tense) |
| (c) ‘boss’ | (i) ‘I/my’ |
| (d) ‘house’ | (j) ‘you/your’ |
| (e) ‘eat’ | (k) ‘he/his’ |
| (f) ‘sweep’ | (l) ‘hoe’ |

2. For those morphemes with more than one allomorph, state the phonological rules that generate those allomorphs.

2 French

Masculine	Feminine	
gros [gʁo]	grosse [gʁos]	'fat'
mauvais [movɛ]	mauvaise [movɛz]	'bad'
heureux [øʁø]	heureuse [øʁøz]	'happy'
petit [pəti]	petite [pətit]	'small'
grand [gʁɑ̃]	grande [gʁɑ̃d]	'big'
froid [fʁwa]	froide [fʁwad]	'cold'
frais [fʁɛ]	fraiche [fʁɛʃ]	'fresh'
long [lɔ̃]	longue [lɔ̃g]	'long'
gentil [ʒɑ̃ti]	gentille [ʒɑ̃tij]	'kind'