

EXERCISES (#3)

1. Name the single feature that distinguishes the following pair of sounds.
 - a. [i] : [I]
 - b. [d] : [n]
 - c. [u] : [o]
 - d. [b] : [v]
 - e. [s] : [z]

2. In each group, eliminate the segment that does not belong. Explain your choice.
 - a. e, æ, o, ɑ
 - b. k, g, d, p, s, b
 - c. d, g, n, b
 - d. ʃ, z, s, v
 - e. I, i, u, ɛ
 - f. m, b, v, ŋ
 - g. t, k, k^h, p

3. For each segment, if you change the value of the feature indicated, what new segment will be derived?

Old segment:	Feature to be changed:	New segment:
[f]	[coronal]	----
[ŋ]	[sonorant]	----
[t]	[SG]	----
[u]	[high]	----
[a]	[back]	----

4. INUIT (Greenlandic)

Consider the sounds [e] and [o] and determine whether they are allophones of the same phoneme, or represent different phonemes. If allophones, state the complementary distribution; if phonemes, state the contrast. Argue for your solution. One of your arguments should have reference to feature specifications of the relevant segments.

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|----|-------------|----------------------------|
| a. | pisuk | <i>to go</i> |
| b. | teʁianiaq | <i>fox</i> |
| c. | saβik | <i>knife</i> |
| d. | inuk | <i>person</i> |
| e. | aʝoqeʁsoʁti | <i>teacher</i> |
| f. | oʁsoq | <i>blubber</i> |
| g. | nuʝβik | <i>single-pointed dart</i> |
| h. | noʁlut | <i>ligature</i> |
| i. | tikeq | <i>index finger</i> |
| j. | uβiʝlaʝneq | <i>widow</i> |