

SOUND CHANGE PROBLEM (HOMEWORK EXERCISE #1)

PROTO-LANG.	>	MOD. LG.	PROTO-LANG.	>	MOD. LG.
1) tupim		tyfim	11) puka		puk
2) taku		tak	12) luti		lyt
3) kupum		kufum	13) kote		køt
4) pape		pap	14) topar		topa
5) supe		syp	15) sokum		soxum
6) pato		pat	16) saker		sake
7) futo		fut	17) lakin		laxin
8) soke		søk	18) potol		potol
9) fotil		føsil	19) sipi		sip
10) rapu		rap	20) ketim		kesim
			21) ripul		riful

These data are purely hypothetical: they have been designed to illustrate typical sound changes in a clear and simple way. Examine them carefully, then state and label the sound changes that produced the modern forms from those of the proto-language. (All symbols have their standard IPA values.) Where necessary, state the order in which the changes must have occurred.

In working out your answer, it may help if you follow four steps:

- 1) list all of the changes you observe with the numbers of the relevant examples;
- 2) organize the changes into groups and develop general statements that make as concise a statement of the changes as possible;
- 3) inspect the data on each change to determine the environments in which it occurs;
- 4) determine any interactions among the inputs and outputs of the changes you observe, and figure out what these interactions imply about chronological ordering.