

Ninth International Olympiad in Linguistics
Pittsburgh (United States of America), July 24–31, 2011

Individual Contest Solutions

Problem #1. The Menominee verb forms have the following structure:

ne- I ke- we ₁₊₂ <hr/> — he	kaw down ket out kēsk through pahk off pāhk open pīt hither taw pierce wack around wāp begin	-āhpe laughing -ānæhkæ digging -eqta — -ohnæ walking	intransitive verb: -m I -q we ₁₊₂ -w he
		-ah by tool -aht by mouth -en by hand -es cutting	transitive verb: -an I -æq we ₁₊₂ -am he

If both first vowels in the word are short, the second becomes long (**e** > **āe**).

- (a) • **kekēskahæq:** we₁₊₂ chop it through, break it through by tool
 - **nepāhkenan:**
 - I open, uncover it by hand ($\sqrt{\text{pāhk}}$),
 - I break it off, tear it off by hand ($\sqrt{\text{pahk}}$)
 - **wāpāhpew:** he begins laughing
- (b) • I begin to eat it: **newāepahtan**
 - we₁₊₂ lay it flat by hand: **kekāwenæq**
 - he digs a hole: **tawānæhkæw**
 - he walks out: **ketōhnæw**

Problem #2.

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| (a) bøga [bø:va]
knoðar [knor:ar]
kvøða [kvø:a]
løgur [lø:vur]
plága [pløava]
skaði [skeají]
toygur [tɔijur]
trúgi [trøuwi] | (b) In the first syllable a [ɛa], á [ɔa], e [e:], ei [ai], ey [ei], i [i:], o [o:], oy [ɔi], ó [ɔu], u [u:], ú [u:], ø [ø:].
Between vowels ð = g . The first applicable rule is applied: <ol style="list-style-type: none"> 1. ð/g [w] [u(:)] __; 2. ð/g [j] [i(:)] __ or __ [i(:)]; 3. ð/g [v] __ [u(:)]; 4. ð/g [v] in a noun, [Ø] in a verb. |
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