

(1) Main stress rule (MS)

Build a quantity-sensitive trochee on the right side.

## (2) Main stress rule (MS): Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 2	x	x	x	x
line 1	(x)	(x)	(x)	(x)
line 0	x (x)	x (x x)	x (x)	x x (x x)
MS	ha rag	ha ra guu	da bar	da ba re kaa

## (3) Underlying forms and main stress rule

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Line 0	x x	x x x	x x	x x x x
UR	ha rag	ha ra gu	da bar	da ba re ka
Line 2	x	x	x	x
Line 1	(x)	(x)	(x)	(x)
Line 0	x (x)	x (x x)	x (x)	x x (x x)
MS	ha rag	ha ra gu	da bar	da ba re ka

(4) Pretonic Lengthening (PTL)

Lengthen a vowel in an open syllable immediately to the left of main stress.

## (5) Pretonic Lengthening (PTL): Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 2	x	x	x	x
line 1	(x)	(x)	(x)	(x)
line 0	x (x)	x (x x)	x (x)	x x (x x)
PTL	<b>haa</b> rag	<b>haa</b> ra gu	<b>daa</b> bar	da <b>baa</b> re ka

## (6) Pausal Stress (PS): Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 3	x	x	x	x
line 2	... x)	... x)	... x)	... x)
line 1	(x)	(x)	(x)	(x)
line 0	x (x)	x (x x)	x (x)	x x (x x)
PS	haa <b>raag</b>	haa <b>raa</b> gu	daa <b>baar</b>	da baa re ka

(7) Iambic feet from right (R-feet)

Build quantity-sensitive iambs from the right.

## (8) R-feet: Sample contextual forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 2	x	x	x	x
line 1	(x x)	(x x)	(x x)	(x x)
line 0	(x) (x)	(x) (x x)	(x) (x)	(x x) (x x)
R-feet	haa rag	haa ra gu	daa bar	da baa re ka

## (9) Reduction/deletion (R/D) of weak vowels

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 2	x	x	x	x
line 1	(x x)	(x x)	(x x)	(x x)
line 0	(x) (x)	(x) (. x)	(x) (x)	(. x) (. x)
R/D	haa rag	haa rV gu	daa bar	dV baa rV ka

(10) Additional rules relevant to sample forms

a. Spirantization: Spirantize a nongeminate stop /p b t d k g/ following a vowel.

b. Final Lengthening: Lengthen a word-final vowel.

c. Tone Lengthening: Lengthen a vowel that bears main stress under certain conditions; in the examples presented here, stressed /a/ lengthens in nouns (e.g. *da:ba:r*) but not in verbs (e.g. *ha:rag*).

d. Canaanite Rounding: a: > ɔ:

## (11) Surface contextual forms

- a. 'slew'      b. 'slew + 3 pl.'      c. 'word'      d. 'your m.s. word'

hɔ:ɾóɣ

hɔ:ɾyú:

dɔ:vó:r

dənvɔ:rxó:

## (12) Surface pausal forms

- a. 'slew'      b. 'slew + 3 pl.'      c. 'word'      d. 'your m.s. word'

hɔ:ró:ɣ

hɔ:ró:ɣu:

dɔ:vó:r

dənvɔ:rɛxɔ:

## (13) Pausal Stress (PS): Two planes

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Stress Feet				
line 3	x	x	x	x
line 2	... x)	... x)	... x)	... x)
line 1	(x)	(x)	(x)	(x)
line 0	x (x)	x (x x)	x (x)	x x (x x)
	haa <b>raag</b>	haa <b>raa</b> gu	daa <b>baar</b>	da baa <b>re</b> ka
line 0	(x) (x)	(x) (x) (x)	(x) (x)	(x x) (x x)
line 1	x x	x x x	x x	x x
Reduction				
Feet				

(14) Left Parenthesis Insertion (LPI)

Insert a left parenthesis to the left of the last vowel of the word that is

not absolutely word final

## (15) Underlying form and LPI

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
	x x	x x x	x x	x x x x
UR	ha rag	ha ra gu	da bar	da ba re ka
	x (x	x (x x	x (x	x x (x x
LPI	ha rag	ha ra gu	da bar	da ba re ka

(16) Pretonic Lengthening (PTL)

Lengthen a vowel in an open syllable immediately to the left of a left parenthesis.

## (17) Pretonic Lengthening (PTL): Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
	x (x	x (x x	x (x	x x (x x
PTL	<b>haa</b> rag	<b>haa</b> ra gu	<b>daa</b> bar	da <b>baa</b> re ka

(18) Pausal Stress (PS)

Assign a right parenthesis and a grid mark at every prosodic level up to the I-phrase on a vowel to the right of a left parenthesis.

(19) Pausal Lengthening (PL)

Lengthen a stressed vowel (with certain exclusions, as in *daba:réka*) in the head of an I-phrase.

## (20) Pausal Stress: Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 3	x)	x)	x)	x)
line 2	x)	x)	x)	x)
line 1	x)	x)	x)	x)
line 0	x (x)	x (x) x	x (x)	x x (x) x
PS	haa rag	haa ra gu	daa bar	da baa re ka

## (21) Pausal Lengthening: Sample forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
line 3	x)	x)	x)	x)
line 2	x)	x)	x)	x)
line 1	x)	x)	x)	x)
line 0	x (x)	x (x) x	x (x)	x x (x) x
PS	haa raag	haa raa gu	daa baar	da baa re ka

(22) Project heavy syllables

Assign ) to heavy syllables.

(23) Iterative parentheses from the right (R-feet)

Insert ) every two syllables from the right.

(24) Iambic feet

Project the rightmost element of each line 0 constituent on line 1.

## (25) R-feet: Sample contextual forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Project H	x) (x	x) (x x	x) (x)	x x) (x x
	haa rag	haa ra gu	daa bar	da baa re ka
Project R	x x	x x	x x	x x
Insert )	x) (x)	x) (x x)	x) (x)	x x) (x x)
	haa rag	haa ra gu	daa bar	da baa re ka

## (26) Reduction and deletion of weak vowels: Contextual forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Line 1	x x	x x	x x	x x
Line 0	x) (x)	x) (. x)	x) (x)	. x) (. x)
	haa rag	haa rV gu	daa bar	dV baa rV ka

(27) Main stress

- a. Insert ) at the right edge of Line 1.
- b. Project the rightmost element of line 1 onto line 2.

## (28) Main stress: Contextual forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Line 2	x	x	x	x
Line 1	x x)	x x)	x x)	x x)
Line 0	x) (x)	x) (. x)	x) (x)	. x) (. x)
	haa rag	haa rV gu	daa bar	dV baa rV ka

## (29) R-feet: Sample pausal forms

	a. 'slew'	b. 'slew + 3pl.'	c. 'word'	d. 'your m.s. word'
Line 3	x)	x)	x)	x)
Line 2	x)	x)	x)	x)
Line 1	x)	x)	x)	x)
Line 0 <i>Proj. H</i>	x) (x)	x) (x) x	x) (x)	x x) (x) x
	haa rag	haa raa gu	daa baar	da baa ra ka
Line 3	x)	x)	x)	x)
Line 2	x)	x)	x)	x)
Line 1 <i>Proj. R</i>	x x)	x x) x	x x)	x x) x
Line 0 <i>Ins. )</i>	x) (x)	x) (x) x)	x) (x)	x x) (x) x)
	haa rag	haa raa gu	daa baar	da baa ra ka

(30) **Stress Retraction** In clash, retract stress to the next full open syllable

## (31) Stress Retraction: Sample form

Line 3	x x	→	x x
Line 2	x x) x)		x x) x)
Line 1	x) (. x) (x)		x) (. x) (x)
Line 0	haa rVguu ?iiš		haa rVguu ?iiš
	slew man		'(they) slew a man' (Gen. 49:6)